=> file registry

FILE 'REGISTRY' ENTERED AT 16:42:46 ON 21 NOV 2005

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 20 NOV 2005 HIGHEST RN 868524-25-8 DICTIONARY FILE UPDATES: 20 NOV 2005 HIGHEST RN 868524-25-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

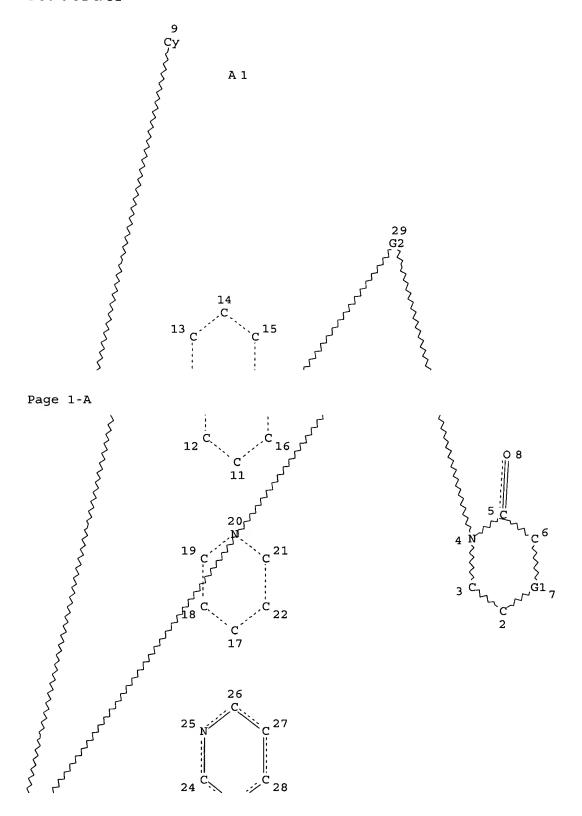
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> d stat que L15 L5 STR



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Page 2-A

105

107

23
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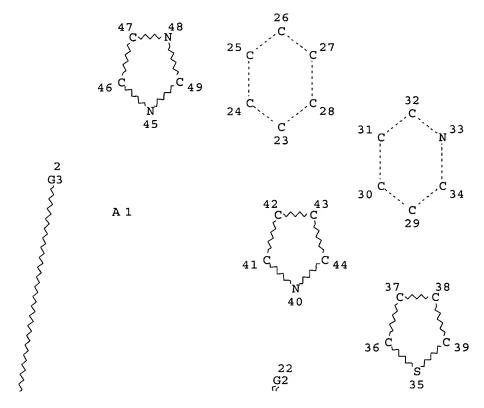
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NUMBER OF NODES IS 32

STEREO ATTRIBUTES: NONE

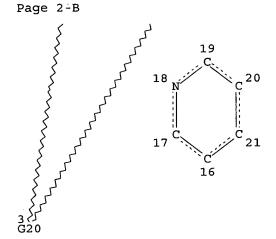
L7 1073 SEA FILE=REGISTRY SSS FUL L5

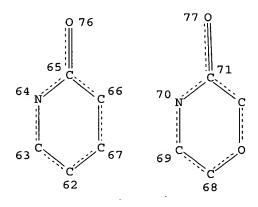
L9 STR



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Page 2-A
60
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61





Page 3-A

72

73

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Page 3-B
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VAR G3=26/32/39/44/49
VAR G4=52/58/64/70
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IS C AT 77 NSPEC AT 78 IS C NSPEC DEFAULT MLEVEL IS ATOM MLEVEL IS CLASS AT 1 74 75 76 77 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED NUMBER OF NODES IS 78

STEREO ATTRIBUTES: NONE

873 SEA FILE=REGISTRY: SUB=L7 SSS FUL L9 L11

STR L13

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation. L15 506 SEA FILE=REGISTRY SUB=L11 SSS FUL L13

689 ITERATIONS 100.0% PROCESSED

506 ANSWERS

SEARCH TIME: 00.00.01

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                                              5 TERMS
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TERM #
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2 506 506 100.00 CAPLUS 7
3 435 435 85.97 USPATFULL 7
      4. 63 63 12.45 TOXCENTER 5 23 23 4.55 CASREACT
****** END OF L17***
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=> file caplus FILE 'CAPLUS' ENTERED AT 16:43:00 ON 21 NOV 2005 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 21 Nov 2005 VOL 143 ISS 22 FILE LAST UPDATED: 20 Nov 2005 (20051120/ED)

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http://www.cas.org/infopolicy.html
'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE
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L5
                STR
           1073 SEA FILE=REGISTRY SSS FUL L5
L7
L9
                STR
L11
           873 SEA FILE=REGISTRY SUB=L7 SSS FUL L9
                STR
L13
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L15
            8 SEA FILE=CAPLUS ABB=ON PLU=ON L15 *
L16
=> file uspatfull
FILE 'USPATFULL' ENTERED AT 16:43:41 ON 21 NOV 2005
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 17 Nov 2005 (20051117/PD)
FILE LAST UPDATED: 17 Nov 2005 (20051117/ED)
HIGHEST GRANTED PATENT NUMBER: US6966066
HIGHEST APPLICATION PUBLICATION NUMBER: US2005257307
CA INDEXING IS CURRENT THROUGH 17 Nov 2005 (20051117/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 17 Nov 2005 (20051117/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2005
>>> USPAT2 is now available. USPATFULL contains full text of the
                                                                       <<<
>>> original, i.e., the earliest published granted patents or
                                                                       <<<
>>> applications. USPAT2 contains full text of the latest US
                                                                       <<<
>>> publications, starting in 2001, for the inventions covered in
                                                                       <<<
>>> USPATFULL. A USPATFULL record contains not only the original
                                                                       <<<
>>> published document but also a list of any subsequent
                                                                       <<<
    publications. The publication number, patent kind code, and
                                                                       <<<
    publication date for all the US publications for an invention
                                                                       <<<
    are displayed in the PI (Patent Information) field of USPATFULL
                                                                       <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
    /PK, etc.
>>>
                                                                       <<<
>>> USPATFULL and USPAT2 can be accessed and searched together
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>>> through the new cluster USPATALL. Type FILE USPATALL to
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    enter this cluster.
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    Use USPATALL when searching terms such as patent assignees,
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    classifications, or claims, that may potentially change from
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>>> the earliest to the latest publication.
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This file contains CAS Registry Numbers for easy and accurate
substance identification.
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L7
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4 SEA FILE=USPATFULL ABB=ON PLU=ON L15

L18

=> file toxcenter FILE TOXCENTED ENTERED AT 16:44:07 ON 21 NOV 2005 COPYRIGHT (C) 2005 ACS

FILE COVERS 1907 TO 15 Nov 2005 (20051115/ED)

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TOXCENTER has been enhanced with new files segments and search fields. See HELP CONTENT for more information.

TOXCENTER thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2005 vocabulary. See http://www.nlm.nih.gov/mesh/ and http://www.nlm.nih.gov/pubs/techbull/nd04/nd04\_mesh.html for a description of changes.

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L9 STR
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L13 STR
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ATO SEA FILE=REGISTRY SUB=L11 SSS FUL L13
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## => file casreact

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FILE CONTENT: 1840 - 20 Nov 2005 VOL 143 ISS 21

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Some CASREACT records are derived from the ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L9 STR
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L13 STR
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L20 1 SEA FILE=CASREACT ABB=ON PLU=ON L15
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FILE 'CAPLUS' ENTERED AT 16:45:29 ON 21 NOV 2005
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FILE 'TOXCENTER' ENTERED AT 16:45:29 ON 21 NOV 2005 COPYRIGHT (C) 2005 ACS

FILE 'CASREACT' ENTERED AT 16:45:29 ON 21 NOV 2005

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PROCESSING COMPLETED FOR L16

PROCESSING COMPLETED FOR L18

PROCESSING COMPLETED FOR L19

PROCESSING COMPLETED FOR L20

L21

12 DUP REM L16 L18 L19 L20 (6 DUPLICATES REMOVED)

ANSWERS '1-8' FROM FILE CAPLUS

ANSWERS '9-12' FROM FILE USPATFULL '

=> d ibib abs hitstr L21 1-12

L21 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1

ACCESSION NUMBER: 2004:252476 CAPLUS

DOCUMENT NUMBER: 140:287179

TITLE: Preparation of [phenylureido(hetero)cyclyl]carboxamide

s as inhibitors of factor Xa and other serine proteases involved in the coagulation cascade Bolton, Gary Louis; Filipski, Kevin James; Kohrt, Jeffrey Thomas; La, Frances Thu; Leonard, Daniele

Marie

PATENT ASSIGNEE(S): Warner-Lambert Company Llc, USA

SOURCE: PCT Int. Appl., 111 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

INVENTOR (S):

PATENT NO.				KIN	D :	DATE	TE APPLICATION NO.				DATE						
				-									-				
WO 2004024679			A1	;	2004	0325	١	WO 2003-IB3900					20030902				
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		CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FI,	GB,	GD,	GE,	GH,
		GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KΕ,	KG,	KP,	KR,	ΚZ,	LC,	LK,	LR,
		LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NI,	NO,	NZ,	OM,
		PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,	TJ,	TM,	TN,

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             FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
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PRIORITY APPLN. INFO.:
                                            US 2002-409891P
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                                            WO 2003-IB3900
                                                                 W 20030902
OTHER SOURCE(S):
                         MARPAT 140:287179
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GI

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\end{array}$$

$$\begin{array}{c|c}
O & S - Me
\end{array}$$

$$\begin{array}{c|c}
O & S - Me
\end{array}$$

$$\begin{array}{c|c}
II
\end{array}$$

AB Title amino acid derivs. I [wherein X1 and X2 = independently H, (ar)alkyl, alkenyl, alkynyl, (hetero)aryl, cycloalkyl(alkyl), (CH2)m-halo, (CH2)m-heteroaryl, (CH2)mSOR3, (CH2)mOCOR3, (CH2)mOSO2R3, (CH2)mOSO2NR4R5, (CH2) mNR4R5, (CH2) mOR3, CN, NO2, (CH2) mO(CH2) mOR3, (CH2) mO(CH2) mNR4R5, (CH2) mR3, (CH2) mCO2R3, (CH2) mCOR3, (CH2) mCONR4R5, (CH2) mNR6COR3, (CH2) mNR6CONR4R5, (CH2) mSO2R3, (CH2) mSO2NR4R5, (CH2) m-morpholinyl, (CH2)m-piperazinyl, etc.; or CX1X2 = (hetero)cyclyl; A = aryl(cycloalkyl), heteroaryl(cycloalkyl), cycloalkyl, or cycloalkenyl; M = (hetero)arylene, (hetero)cycloalkylene, or (hetero)cycloalkenylene; Q = CONR4R5, (hetero)aryl, (hetero)cycloalkyl, or (hetero)cycloalkenyl; R1 = H, alkyl, (hetero)aryl, or alkenyl; R2 = H, (cyclo)alkyl, (hetero)aryl, alkenyl, (hetero)cycloalkylalkyl, (hetero)aralkyl, carboxy, (CH2)mNR4R5, (CH2)mOR3, (CH2) mSR3, (CH2) mCONR4R5, or (CH2) mNR6COR3; R3 and R6 = independently H, (ar)alkyl, (hetero)aryl, alkenyl, alkynyl, cycloalkyl(alkyl), or heteroarylalkyl; R4 and R5 = independently H, (ar)alkyl, (hetero)aryl, alkenyl, alkynyl, cycloalkyl(alkyl), heteroarylalkyl, acyl, alkoxycarbonyl, alkylthiocarbonyl, or alkylcarbamoyl; or NR4R5 = heterocyclyl; m = 0-8; and pharmaceutically acceptable salts thereof] were prepared as serine protease factor Xa inhibitors. For example, 1-(tert-butoxycarbonylamino)cyclopentanecarboxylic acid was condensed with 4-bromoaniline using EEDQ and TEA in CHCl3 to give the amide (55%). Coupling with 2-(methylthio)benzeneboronic acid in the presence of tetrabutylammonium bromide and Na2CO3, H2O, Pd(PPh3)4 in toluene provided the biphenyl derivative (57%). Oxidation to the mesyl derivative with m-CPBA

in

EtOAc (79%), followed by treatment with TFA in DCM and reaction with 4-chlorophenyl isocyanate using TEA in THF gave the desired urea II (82%). The latter suppressed cleavage of a fluorogenic substrate by human factor Xa (3 pM) with a IC50 value of 38 nM and increased prothrombin clotting time by 2-fold at a concentration of 13.46  $\mu M$ . Thus, I and pharmaceutically acceptable compns. comprising them are useful as therapeutic agents for treating or preventing disease states in mammals characterized by abnormal thrombosis (no data).

thrombosis (no data).

675834-10-3P, (1S,2S)-1-[3-(4-Chlorophenyl)ureido]-2hydroxymethylcyclopropanecarboxylic acid N-[2-fluoro-4-(2-oxopiperidin-1yl)phenyl]amide 675834-15-8P, (1R,2S)-1-[3-(4Chlorophenyl)ureido]-2-hydroxymethylcyclopropanecarboxylic acid
N-[2-fluoro-4-(2-oxopiperidin-1-yl)phenyl]amide 675834-30-7P,
2-[3-(4-Chlorophenyl)-1-(2-methoxyethyl)ureido]-N-[2-fluoro-4-(2oxopiperidin-1-yl)phenyl]acetamide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Therapeutic use); BIOL (BIOlogical study); PREP (Preparation); USES (Uses)

(factor Xa inhibitor; preparation of [phenylureido(hetero)cyclyl]carboxamide

s as factor Xa inhibitors for treatment of abnormal thrombosis)
RN 675834-10-3 CAPLUS

Absolute stereochemistry.

RN 675834-15-8 CAPLUS

ВN 675834-30-7 CAPLUS

Acetamide, 2-[[[(4-chlorophenyl)amino]carbonyl](2-methoxyethyl)amino]-N-[2-CN fluoro-4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS REFERENCE COUNT: RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2

ACCESSION NUMBER:

2004:605492 CAPLUS

DOCUMENT NUMBER:

141:157122

TITLE:

Preparation of ureidoazinylalkanamides as inhibitors

of blood coagulation Factor VIIa and Xa.

INVENTOR(S):

Dorsch, Dieter; Cezanne, Bertram; Mederski, Werner;

Tsaklakidis, Christos; Gleitz, Johannes; Van

Amsterdam, Christoph

PATENT ASSIGNEE(S):

Merck Patent GmbH, Germany

SOURCE:

Ger. Offen., 25 pp. CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE:

German

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10302500	A1	20040729	DE 2003-10302500	20030123
CA 2514100	AA	20040805	CA 2004-2514100	20040108
WO 2004065369	A1	20040805	WO 2004-EP61	20040108
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BG, BG, BR,	BR, BW	, BY, BY, E	BZ, BZ, CA, CH, CN, CN,	CO, CO, CR,

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CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG,
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             ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ,
            KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN,
            MW, MX, MX, MZ
    EP 1585730
                                20051019
                                            EP 2004-700684
                                                                   20040108
                         Α1
        R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRIORITY APPLN. INFO.:
                                            DE 2003-10302500
                                                               A 20030123
                                            WO 2004-EP61
                                                                   20040108
                        MARPAT 141:157122
OTHER SOURCE(S):
GI
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DNHCOXCHR1CONHWYT [D = (substituted) Ph, pyridyl; R1 = (substituted) A; W = [C(R3)2]n; X = NR3, O; Y = alkylene, heterocyclylene, arylene; R2 = H, A, [C(R3)2]nAr, etc.; Ar = (substituted) Ph; R3 = H, A; T = N(R2)2, (substituted) saturated, unsatd., or aromatic carbocyclyl, heterocyclyl; A = (O-,

S, or CH:CH-interrupted) (fluorinated) alkyl; n = 0-2], were prepared Thus, 2-amino-4-methylsulfonylbutyric acid in H2O at 80° was treated with 4-chlorophenyl isocyanate followed by stirring for 1 h to give 2-[3-(4-chlorophenyl)ureido]-4-methanesulfonylbutyric acid. This was stirred with 1-(4-aminophenyl)-1H-pyridin-2-one and TBTU in DMF for 24 h to give title compound (I). I bound to Factor Xa receptors with IC50 = 2.8 + 10-8 M.

IT 678178-11-5P 728945-08-2P 728945-09-3P 728945-10-6P 728945-11-7P 728945-13-9P 728945-14-0P 728945-16-2P 728945-17-3P 728945-18-4P 728945-19-5P 728945-20-8P 728945-21-9P 728945-22-0P 728945-23-1P 728945-24-2P 728945-25-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(claimed compound; preparation of ureidoazinylalkanamides as inhibitors of Factor VIIa and Xa)

RN 678178-11-5 CAPLUS

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-4-(methylsulfonyl)-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & &$$

RN 728945-08-2 CAPLUS

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-4-(methylsulfonyl)-N-[4-(2-oxo-1(2H)-pyrazinyl)phenyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ \text{CH}_2\text{--}\text{CH}_2\text{--}\text{S--Me} \\ & & & \\ \text{O} & & & \\ & & & \\ \text{N} & & & \\ & & & \\ \text{N} & & & \\ & & & \\ \end{array}$$

RN 728945-09-3 CAPLUS

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-4-(methylsulfonyl)-N-[4-(3-oxo-4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ CH_2-CH_2-S-Me \\ & & & \\ O & & & \\ O & & & \\ & & & \\ O & & & \\ & & & \\ O & & & \\ \end{array}$$

RN 728945-10-6 CAPLUS

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-4-(methylsulfonyl)-N-[4-(3-oxo-4-morpholinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

RN 728945-11-7 CAPLUS

CN Propanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-3-(methylsulfonyl)-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 728945-13-9 CAPLUS

CN Butanamide, 2-[[(4-chlorophenyl)amino]carbonyl]amino]-4-(methylsulfonyl)-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

RN 728945-14-0 CAPLUS

CN Propanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-3-(methylsulfonyl)-N-[4-(3-oxo-4-morpholinyl)phenyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 728945-16-2 CAPLUS

CN 1-Propanesulfonic acid, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-3-oxo-3-[[4-(3-oxo-4-morpholinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 728945-17-3 CAPLUS

CN 1-Propanesulfonic acid, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-3-oxo-3-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 728945-18-4 CAPLUS

CN Phosphonic acid, [(2S)-2-[[[(4-chlorophenyl)amino]carbonyl]amino]-3-oxo-3[[4-(3-oxo-4-morpholinyl)phenyl]amino]propyl]-, dimethyl ester (9CI) (CA
INDEX NAME)

Absolute stereochemistry.

RN 728945-19-5 CAPLUS

CN Phosphonic acid, [2-[[[(4-chlorophenyl)amino]carbonyl]amino]-3-oxo-3-[[4-(2-oxo-1-piperidinyl)phenyl]amino]propyl]-, dimethyl ester (9CI) (CA INDEX NAME)

RN 728945-20-8 CAPLUS

CN Phosphonic acid, [2-[[[(4-chlorophenyl)amino]carbonyl]amino]-3-oxo-3-[[4-(3-oxo-4-morpholinyl)phenyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 728945-21-9 CAPLUS

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-4-(S-methylsulfonimidoyl)-N-[4-(3-oxo-4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 728945-22-0 CAPLUS

CN Propanamide, 3-(aminosulfonyl)-2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 728945-23-1 CAPLUS

CN Propanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-3-[(methylsulfonyl)amino]-N-[4-(3-oxo-4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 728945-24-2 CAPLUS

CN Propanamide, 3-[(aminosulfonyl)oxy]-2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(3-oxo-4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 728945-25-3 CAPLUS

CN Propanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]-3-(methylsulfonyl)-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

IT 728945-29-7P

RN

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of ureidoazinylalkanamides as inhibitors of Factor VIIa and Xa) 728945-29-7 CAPLUS

CN Propanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-3-(methylthio)-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]-, (2S)- (9CI) (CA INDEX NAME)

## Absolute stereochemistry.

L21 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3

ACCESSION NUMBER:

2004:450507 CAPLUS

DOCUMENT NUMBER:

141:7126

TITLE:

Preparation of heterocyclylamides as inhibitors of

Factor VIIA and Xa.

INVENTOR(S):

Dorsch, Dieter; Cezanne, Bertram; Mederski, Werner;

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20021121

20031030

Tsaklakidis, Christos; Wurziger, Hanns; Gleitz,

Johannes; van Amsterdam, Christoph

PATENT ASSIGNEE(S):

Merck Patent GmbH, Germany

SOURCE:

Ger. Offen., 26 pp.

DOCUMENT TYPE:

CODEN: GWXXBX Patent

LANGUAGE:

German

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
DE 10254336	A1	20040603	DE 2002-10254336
CA 2506716	AA	20040603	CA 2003-2506716
WO 2004046138	A1	20040603	WO 2003-EP12080

20031030 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,

PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1562939 A1 20050817 EP 2003-776875 20031030 AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.: DE 2002-10254336 A 20021121

WO 2003-EP12080 W 20031030

OTHER SOURCE(S):

MARPAT 141:7126

GI

DXNH[C(R1)2]mCONHWYT [D = (substituted) aryl, heteroaryl; X = CO, C(R3)2; W = [C(R3)2]n; R1 = H, (substituted) A; R3 = H, A; A = (fluoro-substituted) alkyl optionally interrupted by O, S, CH:CH; T = mono- or bicyclic (substituted) (unsatd.) (aromatic) carbocyclyl, heterocyclyl; Y = alkylene, cycloalkylene, (hetero)arylene; m = 1, 2; n = 0-2], were prepared for treatment of thrombosis, arteriosclerosis, inflammation, etc. (no data). Thus, (R)-2-[(5-chlorothiophene-2-carbonyl)amino]-4-methylpentanoic acid (preparation given), 4-(4-amino-2-methylphenyl)morpholin-3-one, and TBTU were stirred 18 h in DMF to give title compound (I).

IT 697284-28-9P 697284-29-0P 697284-30-3P
697284-31-4P 697284-32-5P 697284-33-6P
697284-34-7P 697284-37-0P 697284-39-2P
697284-40-5P 697284-41-6P 697284-42-7P
697284-43-8P 697284-44-9P 697284-45-0P
697284-46-1P 697284-47-2P 697284-48-3P
697284-51-8P 697284-53-0P 697284-54-1P
697284-58-5P 697284-59-6P 697284-60-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of heterocyclylamides as inhibitors of Factor VIIA and Xa) 697284-28-9 CAPLUS
2-Thiophenecarboxamide, 5-chloro-N-[(1S)-3-methyl-1-[[[4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN

CN

RN 697284-29-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1S)-3-methyl-1-[[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-30-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1S)-3-methyl-1-[[[4-(2-oxo-1(2H)-pyrazinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-31-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-3-methyl-1-[[[4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

RN 697284-32-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-3-methyl-1-[[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-33-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-3-methyl-1-[[[4-(2-oxo-1(2H)-pyrazinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-34-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-3-methyl-1-[[[4-(2-oxo-1(2H)-

pyridinyl)phenyl]amino]carbonyl]butyl] - (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-37-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[3-methyl-4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-2-oxoethyl]- (9CI) (CA INDEX NAME)

RN 697284-39-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-methyl-2-[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-40-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-2-methyl-1-[[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]propyl]- (9CI) (CA INDEX NAME)

RN 697284-41-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-[[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-42-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-[[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-43-8 CAPLUS

CN Butanediamide, 2-[[(5-chloro-2-thienyl)carbonyl]amino]-N1-[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-44-9 CAPLUS

CN Benzamide, 4-chloro-N-[(1R)-3-methyl-1-[[[4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-45-0 CAPLUS

CN Benzamide, 4-chloro-N-[(1R)-3-methyl-1-[[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

RN 697284-46-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(dimethylamino)methyl]-2-[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]-2-oxoethyl]- (9CI) (CA INDEX NAME)

RN 697284-47-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-bromo-N-[(1R)-3-methyl-1-[[[4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-48-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-[(methylsulfonyl)methyl]-2-oxo-2-[[4-(3-oxo-4-morpholinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-51-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-[(methylthio)methyl]-2-oxo-2-[[4-(3-oxo-4-morpholinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-53-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-2-methyl-1-[[[4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-54-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-2-methyl-1-[[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]carbonyl]propyl]- (9CI) (CA INDEX NAME)

RN 697284-58-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]-2-oxoethyl]- (9CI) (CA INDEX NAME)

RN 697284-59-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-oxo-2-[[4-(3-oxo-4-morpholinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 697284-60-9 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

L21 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 4

ACCESSION NUMBER: 2004:328850 CAPLUS

DOCUMENT NUMBER: 140:357340

TITLE: Preparation of N-(5-chloro-2-thienyl)ureas and related

compounds as coagulation factor Xa inhibitors for the

treatment of thromboembolic illnesses

INVENTOR(S): Dorsch, Dieter; Cezanne, Bertram; Mederski, Werner;

Tsaklakidis, Christos; Gleitz, Johannes; Barnes,

Christopher

PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany

SOURCE: Ger. Offen., 28 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.			ND DAT	E	AP	PLICAT	ION 1	10.					
	DE 10247226 CA 2501706			40422 40429						20			
WO 2004035039													
	AE, AG,	AL, AM		, AZ,	BA, B	B, BG,	BR,	BY,	BZ,	CA,	CH,	CN,	
		•	, DE, DR , IL, IN		•			-	-		-	•	
	LS, LT,	LU, LV	, MA, MD	, MG,	MK, M	N, MW,	MX,	MZ,	ΝI,	NO,	NΖ,	OM,	
	PG, PH,	PL, PT	, RO, RU	, sc,	SD, S	E, SG,	SK,	SL,	SY,	TJ,	TM,	TN,	
	TR, TT,	TZ, UA	, UG, US	, UZ,	VC, VI	N, YU,	ZA,	ZM,	zw				
RW:	GH, GM,	KE, LS	, MW, MZ	, SD,	SL, S	Z, TZ,	ŪĠ,	ZM,	ZW,	AM,	ΑZ,	BY,	
	KG, KZ,	MD, RU	, TJ, TM	, AT,	BE, B	G, CH,	CY,	CZ,	DE,	DK,	EE,	ES,	
	FI, FR,	GB, GR	, HU, IE	, IT,	LU, M	C, NL,	PT,	RO,	SE,	SI,	SK,	TR,	
	BF, BJ,	CF, CG	, CI, CM	, GA,	GN, G	Q, GW,	ML,	MR,	NE,	SN,	TD,	TG	
EP 1549304			200	50706	EP	2003-	75057	77		20	0030	918	
R:	AT, BE,	CH, DE	, DK, ES	, FR,	GB, G	R, IT,	LI,	LU,	NL,	SE,	MC,	PT,	
	IE, SI,	LT, LV	, FI, RO	, MK,	CY, A	L, TR,	BG,	CZ,	EE,	HU,	SK		
PRIORITY APP	LN. INFO	. :		•	DE	2002-	10247	7226	1	A 20	00210	010	
					WO	2003-1	EP104	100	V	1 20	0309	918	

OTHER SOURCE(S): MARPAT 140:357340 GI

AB Title compds. I [D = halo, A, OR2, etc.; X = NR3, O; R1 = H, Ar, cycloalkyl, etc.; R2 = H, A, [C(R3)]n-Ar, etc.; R3 = H, A; W = [C(R3)]n; Y = alkylene, cycloalkylene, Het-diyl (sic), etc.; T = aromatic, heterocyclic; A = OR2, NO2, CN, etc.; n = 0-2] and their pharmaceutically acceptable salts and formulations were prepared For example, coupling of acid II, e.g., prepared from 2-chloro-5-isocyanatothiophene and D-norvaline, and 4-(4-aminophenyl)morpholin-3-one afforded benzimidazole III. In coagulation factor Xa inhibition assays, 2-examples of compds. I exhibited IC50 values ranging from 6.6-19 x 10-8 M, e.g., the IC50 value of benzimidazole III was 1.9 x 10-7 M. Compds. I are claimed useful for the treatment of thromboembolic illnesses and tumors.

IT 681816-81-9P 681816-82-0P 681816-83-1P 681816-84-2P 681816-86-4P 681816-87-5P 681816-88-6P 681816-89-7P 681816-91-1P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of N-(5-chloro-2-thienyl) ureas and related compds. as coagulation factor Xa inhibitors for the treatment of thromboembolic illnesses)

RN 681816-81-9 CAPLUS

CN Pentanamide, 2-[[[(5-chloro-2-thienyl)amino]carbonyl]amino]-N-[4-(3-oxo-4-morpholinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 681816-82-0 CAPLUS

CN Pentanamide, 2-[[[(5-chloro-2-thienyl)amino]carbonyl]amino]-N-[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

RN 681816-83-1 CAPLUS

CN Acetamide, 2-[[[(5-chloro-2-thienyl)amino]carbonyl]amino]-N-[4-(3-oxo-4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 681816-84-2 CAPLUS

CN Pentanamide, 2-[[[(5-bromo-2-thienyl)amino]carbonyl]amino]-N-[4-(3-oxo-4-morpholinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 681816-86-4 CAPLUS

CN Benzeneacetamide,  $\alpha$ -[[[(5-chloro-2-thienyl)amino]carbonyl]amino]-N-[4-(3-oxo-4-morpholinyl)phenyl]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

RN 681816-87-5 CAPLUS

CN 2-Thiopheneacetamide,  $\alpha$ -[[[(5-chloro-2-thienyl)amino]carbonyl]amino]-N-[4-(3-oxo-4-morpholinyl)phenyl]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 681816-88-6 CAPLUS

CN Pentanamide, 2-[[[(5-chloro-2-thienyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

RN 681816-89-7 CAPLUS

CN Pentanamide, 2-[[[(5-chloro-2-thienyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyrazinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 681816-91-1 CAPLUS

CN Benzeneacetamide,  $\alpha$ -[[[(5-chloro-2-thienyl)amino]carbonyl]amino]-N-[4-(3-oxo-4-morpholinyl)phenyl]-, ( $\alpha$ S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

## L21 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 5

ACCESSION NUMBER: 2004:880502 CAPLUS

DOCUMENT NUMBER: 142:68502

TITLE: Chlorothiophenecarboxamides as Pl surrogates of

inhibitors of blood coagulation factor Xa

AUTHOR(S): Mederski, Werner W. K. R.; Cezanne, Bertram; van

Amsterdam, Christoph; Buehring, Karl-Ulrich; Dorsch, Dieter; Gleitz, Johannes; Maerz, Joachim; Tsaklakidis,

Christos

CORPORATE SOURCE: Preclinical Pharmaceutical Research, Merck KGaA,

Darmstadt, 64271, Germany

SOURCE: Bioorganic & Medicinal Chemistry Letters (2004),

14(23), 5817-5822

CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal LANGUAGE: English

OTHER SOURCE(S): CASREACT 142:68502

AB Neutral chlorothiophenecarboxamides bearing an amino acid and a substituted aniline were synthesized and investigated for their factor Xa inhibitory activity in vitro. From selected 2-methylphenyl morpholinones the solution properties were determined The most soluble and active compds.

were

then investigated in different animal species to compare the pharmacokinetic parameters. This led to a potent, water soluble and orally bioavailable candidate for further development: EMD 495235.

IT 697284-28-9 697284-31-4 697284-33-6 697284-34-7 697284-42-7 697284-53-0 697284-59-6 811450-48-3 811450-49-4 811450-50-7 811450-51-8 811450-52-9 811450-63-2 811450-65-4 811450-67-6

RL: PAC (Pharmacological activity); BIOL (Biological study) (chlorothiophenecarboxamide inhibition of blood coagulation factor Xa)

RN 697284-28-9 CAPLUS

811450-69-8

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1S)-3-methyl-1-[[[4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-31-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-3-methyl-1-[[[4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

RN 697284-33-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-3-methyl-1-[[[4-(2-oxo-1(2H)-pyrazinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-34-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-3-methyl-1-[[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-42-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-[[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-53-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-2-methyl-1-[[[4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-59-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-oxo-2-[[4-(3-oxo-4-morpholinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 811450-48-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-methyl-2-oxo-2-[[4-(3-oxo-4-morpholinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 811450-49-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-[[[4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 811450-50-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-[[[4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

RN 811450-51-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-2-oxo-2-[[4-(3-oxo-4-morpholinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 811450-52-9 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1S)-2-oxo-2-[[4-(3-oxo-4-morpholinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 811450-63-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-(methoxymethyl)-2-oxo-2-[[4-(3-oxo-4-morpholinyl)-3-(trifluoromethyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 811450-65-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-2-[[3-chloro-4-(3-oxo-4-morpholinyl)phenyl]amino]-1-(methoxymethyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 811450-67-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-2-[[3-fluoro-4-(3-oxo-4-morpholinyl)phenyl]amino]-1-(methoxymethyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

RN 811450-69-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-(ethoxymethyl)-2-[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

IT 811811-33-3P, EMD 495235

RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(chlorothiophenecarboxamide inhibition of blood coagulation factor Xa) RN 811811-33-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-(methoxymethyl)-2-[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]-2-oxoethyl]- (9CI) (CA INDEX NAME)

IT 697284-32-5 697284-39-2 697284-41-6

811450-61-0 811450-71-2 811450-73-4

RL: PAC (Pharmacological activity); PRP (Properties); BIOL (Biological study)

(chlorothiophenecarboxamide inhibition of blood coagulation factor Xa)

RN 697284-32-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-3-methyl-1-[[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 697284-39-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-methyl-2-[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]-2-oxoethyl]- (9CI) (CA INDEX NAME)

RN 697284-41-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-[[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]carbonyl]propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 811450-61-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-(hydroxymethyl)-2-[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 811450-71-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-2-[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]-2-oxo-1-(propoxymethyl)ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 811450-73-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[(1R)-1-[(2-methoxyethoxy)methyl]-2-[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 6

ACCESSION NUMBER: 2002:465965 CAPLUS

DOCUMENT NUMBER: 137:47128

TITLE: Preparation of of ureido- and carbamoyloxy-substituted

amides as inhibitors of factor Xa for the treatment of

clotting disorders and tumors.

INVENTOR(S): Dorsch, Dieter; Mederski, Werner; Tsaklakidis,

Christos; Cezanne, Bertram; Gleitz, Johannes; Barnes,

Christopher

PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany

SOURCE: PCT Int. Appl., 92 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

438054-61-6 CAPLUS

RN

PATENT INFORMATION:

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PATENT NO.
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                                           APPLICATION NO.
                                                                   DATE
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             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,
             PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,
             US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
             CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
             BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
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                                20020624 AU 2002-21881
20030910 EP 2001-270524
     AU 2002021881
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     EP 1341755
                                                                    20011121
                          A1
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                                20031223 BR 2001-16115
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                                            JP 2002-549632
     JP 2004515538
                         T2
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     NO 2003002695
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                                           NO 2003-2695
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                                                                    20030715
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                                             US 2005-59655
                                20050623
                                                                    20050217
                                            DE 2000-10063008 A 20001216
WO 2001-EP13545 W 20011121
US 2003-450651 A3 20030616
PRIORITY APPLN. INFO.:
                                                                A3 20030616
                                             US 2003-450651
OTHER SOURCE(S):
                        MARPAT 137:47128
     DNHCOXCHR1CONH(CH2) nEW [D = (substituted) Ph, pyridyl; R1 = H, Ar, Het,
     cycloalkyl, (substituted) A; R2 = H, A; E = (substituted) phenylene,
     piperidin-1,4-diyl; W = Ar, Het, N(R2)2, R2, cycloalkyl; X = NH, O; A =
     (fluoro-substituted) (O-, S-, or CH:CH-interrupted) alkyl; Ar =
     (substituted) Ph; Het = (aromatic) (substituted) heterocyclyl; n = 0, 1],
     were prepared Thus, Z-D-Phe-OH, 2'-methylsulfonylbiphenyl-4-ylamine,
     N-(3-dimethylaminopropyl)-N'-ethylcarbodiimide hydrochloride,
     1-hydroxybenzotriazole, and 4-methylmorpholine were stirred 40 h in DMF to
     give benzyl [(R)-1-(2'-methylsulfonylbiphenyl-4-ylcarbamoyl)-2-phenylethyl] carbamate. This was hydrogenolyzed in MeOH over Pd/C and the
     product was stirred with 4-chlorophenyl isocyanate in CH2Cl2 to give
     (R)-2-[3-(4-chlorophenyl)ureido]-N-(2-methylsulfonylbiphen-4-yl)-3-
     phenylpropionamide. The latter inhibited factor Xa with IC50 = 8.6
     + 10-8 M.
     438054-61-6P 438054-62-7P 438054-63-8P
     438055-60-8P 438055-63-1P 438055-65-3P
     438055-66-4P 438055-67-5P 438055-71-1P
     RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
     (Uses)
        (claimed compound; preparation of ureido- and carbamoyloxy-substituted
amides
        as inhibitors of factor Xa for the treatment of clotting disorders such
        as strokes and cancer)
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CN Benzenepropanamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 438054-62-7 CAPLUS

CN Benzenepropanamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]-, ( $\alpha$ S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 438054-63-8 CAPLUS

CN Benzenepropanamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(3-oxo-4-morpholinyl)phenyl]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

RN 438055-60-8 CAPLUS

CN Benzenepropanamide, 4-cyano-N-[4-(2-oxo-1-piperidinyl)phenyl]- $\alpha$ -[[(phenylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)

RN 438055-63-1 CAPLUS

CN Benzenepropanamide, 3-(aminocarbonyl)-N-[4-(2-oxo-1-piperidinyl)phenyl]- $\alpha$ -[[(phenylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)

RN 438055-65-3 CAPLUS

CN Benzenepropanamide, 3-(aminocarbonyl)- $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]-(9CI) (CA INDEX NAME)

RN 438055-66-4 CAPLUS

CN Benzeneacetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 438055-67-5 CAPLUS

CN

Benzeneacetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[3-methyl-4-(2-oxo-1-piperidinyl)phenyl]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

RN438055-71-1 CAPLUS

CN2-Thiopheneacetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyrazinyl)phenyl]- (9CI) (CA INDEX NAME)

REFERENCE COUNT: THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS 4 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN

2004:308415 CAPLUS ACCESSION NUMBER:

DOCUMENT NUMBER: 140:321240

TITLE: Preparation of lactam-containing diaminoalkanes,

 $\beta$ -amino acids,  $\alpha$ -amino acids and

derivatives thereof as factor Xa inhibitors

INVENTOR(S): Qiao, Jennifer X.; Han, Wei

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

PCT Int. Appl., 172 pp. SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

	PATENT NO.						D	DATE		APPLICATION NO.					DATE			
	WO 2004031145					A2		20040415		WO 2003-US31079					20031001			
	WO 2004031145				A3 20040701													
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			OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,	TJ,	TM,
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US 2004077635									US 2003-677063					• •				
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IE, SI, LT, PRIORITY APPLN. INFO.:					Lv,	11,	no,	riic,	•								002	
INIONIII AFFIN. INFO					• •						US 2002-415366P US 2002-417208P							
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OTHER	CSC	JUKCE	(5):			MAK.	PAT.	14U:	3 Z I Z 4	ŧυ								

OTHER SOURCE(S):

GΙ

AB The title compds. PMM1 [I; one of P and M1 = G and the other -AB; G = II, III (wherein ring D, including the two carbon atoms of ring E to which it is attached, is (un) substituted 5-6 membered ring consisting of carbon atoms and 0-3 heteroatoms selected from N, O, S(O)0-2; ring D may contain 0-3 ring double bonds; ring E = (un)substituted Ph, pyridyl, pyrimidinyl, etc.; alternatively, ring D is absent); M = (un)substituted 3-8 membered linear chain consisting of carbon atoms, carbonyl groups, thiocarbonyl, heteroatoms, and there are 0-2 double bonds and 0-1 triple bond; A = (un) substituted carbocycle, 5-12 membered heterocycle; B = IV (wherein Q1 = CO, SO2; ring Q = (un)substituted 4-8 membered monocyclic or bicyclic ring optionally containing optionally heteroatoms, and optionally fused, etc.; X = absent, CO, SO, SO2, etc.)], useful as inhibitors of trypsin-like serine proteases, specifically factor Xa for treating thromboembolic disorder, were prepared E.g., a 3-step synthesis of V, starting from 1-(4-aminophenyl)-1H-pyridin-2-one and Boc-DL-PHG-OH, was given. The number of compds. I were found to exhibit Ki's of  $\leq$  10  $\mu$ M against human factor Xa. The pharmaceutical composition comprising the compound I is claimed.

678174-73-7P 678174-74-8P 678174-75-9P IT 678174-76-0P 678174-77-1P 678174-78-2P 678174-79-3P 678174-80-6P 678174-81-7P 678174-82-8P 678174-83-9P 678174-84-0P 678174-85-1P 678174-86-2P 678174-87-3P 678174-88-4P 678174-89-5P 678174-90-8P 678174-91-9P 678174-92-0P 678174-93-1P 678174-94-2P 678174-95-3P 678174-96-4P 678174-97-5P 678174-98-6P 678174-99-7P 678175-00-3P 678175-01-4P 678175-02-5P 678175-03-6P 678175-04-7P 678175-05-8P 678175-06-9P 678175-07-0P 678175-08-1P 678175-09-2P 678175-10-5P 678175-11-6P 678175-12-7P 678175-13-8P 678175-14-9P 678175-15-0P 678175-16-1P 678175-17-2P 678175-18-3P 678175-19-4P 678175-20-7P 678175-21-8P 678175-22-9P 678175-23-0P 678175-24-1P 678175-25-2P 678175-26-3P 678175-27-4P 678175-28-5P 678175-29-6P 678175-30-9P 678175-32-1P 678175-33-2P

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678177-25-8P 678177-26-9P 678177-27-0P
678177-28-1P 678177-29-2P 678177-30-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
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(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of lactam-containing diaminoalkanes,  $\beta$ -amino acids,  $\alpha$ -amino acids and derivs. thereof as factor Xa inhibitors for treating thromboembolic disorder)

RN 678174-73-7 CAPLUS

CN Benzeneacetamide, α-[[(5-chloro-2-thienyl)sulfonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678174-74-8 CAPLUS

CN Benzeneacetamide,  $\alpha$ -[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678174-75-9 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678174-76-0 CAPLUS

CN 1H-Indole-2-carboxamide, 5-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678174-77-1 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678174-78-2 CAPLUS

CN 1H-Indole-6-carboxamide, N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678174-79-3 CAPLUS

CN Benzeneacetamide,  $\alpha$ -[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

RN 678174-80-6 CAPLUS

CN Benzeneacetamide,  $\alpha$ -[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]-, ( $\alpha$ S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 678174-81-7 CAPLUS

CN Benzeneacetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678174-82-8 CAPLUS

CN Glycine, N-[(5-chloro-2-thienyl)sulfonyl]-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-phenylethyl]-, methyl ester (9CI) (CA INDEX NAME)

RN 678174-83-9 CAPLUS

CN Benzamide, N-[3-[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678174-84-0 CAPLUS

CN Benzamide, N-[3-[[(4-methoxyphenyl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678174-85-1 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678174-86-2 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678174-87-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678174-88-4 CAPLUS

CN 1H-Indole-2-carboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} H & O & O \\ \hline N & C-NH-CH_2-CH_2-NH-C \\ \end{array}$$

RN 678174-89-5 CAPLUS

CN 2H-Pyran-4-acetamide, N-(4-chlorophenyl)tetrahydro-4-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678174-90-8 CAPLUS

CN Alanine, N-[(5-chloro-2-thienyl)carbonyl]-3-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

RN 678174-91-9 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678174-92-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678174-93-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-methoxy-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678174-94-2 CAPLUS

CN 2-Thiophenecarboxamide, 3-chloro-5-methoxy-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

MeO S 
$$C-NH-CH_2-CH_2-NH-C$$
  $N$ 

RN 678174-95-3 CAPLUS

CN 2-Thiophenecarboxamide, 3,5-dichloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678174-96-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678174-97-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-methyl-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]butyl]- (9CI) (CA INDEX NAME)

RN 678174-98-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-2-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678174-99-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-3-phenylpropyl]- (9CI) (CA INDEX NAME)

RN 678175-00-3 CAPLUS

CN Alanine, 3-[[(5-chloro-2-thienyl)carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)benzoyl]-, methyl ester (9CI) (CA INDEX NAME)

RN 678175-01-4 CAPLUS

CN Alanine, 3-[[(5-chloro-2-thienyl)carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)benzoyl]- (9CI) (CA INDEX NAME)

RN 678175-02-5 CAPLUS

CN Butanoic acid, 4-[[(5-chloro-2-thienyl)carbonyl]amino]-3-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

RN 678175-03-6 CAPLUS

CN Butanoic acid, 4-[[(5-chloro-2-thienyl)carbonyl]amino]-3-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-04-7 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-05-8 CAPLUS

CN Benzenepropanamide, N-(4-chlorophenyl)- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-06-9 CAPLUS

CN Benzenebutanamide, N-(4-chlorophenyl)- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-07-0 CAPLUS

CN Pentanoic acid, 5-[(4-chlorophenyl)amino]-5-oxo-3-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-08-1 CAPLUS

CN L-Asparagine, N-(4-chlorophenyl)-N2-[4-(2-oxo-1(2H)-pyridinyl)benzoyl](9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 678175-09-2 CAPLUS

CN Hexanoic acid, 6-[(4-chlorophenyl)amino]-6-oxo-4-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-10-5 CAPLUS

CN Butanediamide, N4-(4-chlorophenyl)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-11-6 CAPLUS

CN Butanediamide, N4-(4-chlorophenyl)-N1,N1-dimethyl-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-12-7 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[(dimethylamino)methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-13-8 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[(methylamino)methyl]-3-

oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-14-9 CAPLUS

CN Benzamide, N-[1-(aminomethyl)-3-[(4-chlorophenyl)amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-15-0 CAPLUS

CN Benzamide, N-[1-[(acetylamino)methyl]-3-[(4-chlorophenyl)amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-16-1 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[[(methylamino)carbonyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-17-2 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[(methylsulfonyl)amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-18-3 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-(hydroxymethyl)-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-19-4 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[(2-methoxyethoxy)methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-20-7 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-(methoxymethyl)-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-21-8 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(dimethylamino)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-22-9 CAPLUS

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(dimethylamino)ethyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\$$

RN 678175-23-0 CAPLUS

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(4-morpholinyl)ethyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-24-1 CAPLUS

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-25-2 CAPLUS

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(4-methyl-1-piperazinyl)ethyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-26-3 CAPLUS
CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-27-4 CAPLUS
CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[methyl[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-28-5 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[methyl[2-(4-morpholinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-29-6 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-30-9 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-32-1 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(4-morpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-33-2 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(4-methyl-1-piperazinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-34-3 CAPLUS

CN 1-Pyrrolidinebutanamide, N-(4-chlorophenyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-35-4 CAPLUS

CN 1-Piperidinebutanamide, N-(4-chlorophenyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-36-5 CAPLUS

CN 4-Morpholinebutanamide, N-(4-chlorophenyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-37-6 CAPLUS

CN 1-Piperazinebutanamide, N-(4-chlorophenyl)-4-methyl-γ-oxo-β-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-38-7 CAPLUS

CN 4-Thiomorpholinebutanamide, N-(4-chlorophenyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-, 1,1-dioxide (9CI) (CA INDEX NAME)

RN 678175-39-8 CAPLUS

CN 4-Morpholinebutanamide, N-(4-chlorophenyl)-β-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-40-1 CAPLUS

CN 1-Pyrrolidinebutanamide, N-(4-chlorophenyl)- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-41-2 CAPLUS

CN 1-Pyrrolidinebutanamide, N-(4-chlorophenyl)-2-oxo-β-[[4-(2-oxo-1(2H)-

pyridinyl)benzoyl]amino] - (9CI) (CA INDEX NAME)

RN 678175-42-3 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-43-4 CAPLUS

CN Benzenepropanamide, N-(5-chloro-2-pyridinyl)- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-44-5 CAPLUS

CN Benzenebutanamide, N-(5-chloro-2-pyridinyl)- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-45-6 CAPLUS

CN Pentanoic acid, 5-[(5-chloro-2-pyridinyl)amino]-5-oxo-3-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-46-7 CAPLUS

CN L-Asparagine, N-(5-chloro-2-pyridinyl)-N2-[4-(2-oxo-1(2H)-pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 678175-47-8 CAPLUS

CN Hexanoic acid, 6-[(5-chloro-2-pyridinyl)amino]-6-oxo-4-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-48-9 CAPLUS

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-49-0 CAPLUS

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1,N1-dimethyl-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-50-3 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[(dimethylamino)methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-51-4 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[(methylamino)methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-52-5 CAPLUS

CN Benzamide, N-[1-(aminomethyl)-3-[(5-chloro-2-pyridinyl)amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-53-6 CAPLUS

CN Benzamide, N-[1-[(acetylamino)methyl]-3-[(5-chloro-2-pyridinyl)amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-54-7 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1[[[(methylamino)carbonyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-55-8 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1[[(methylsulfonyl)amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)(9CI) (CA INDEX NAME)

RN 678175-56-9 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-(hydroxymethyl)-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-57-0 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[(2-methoxyethoxy)methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-58-1 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-(methoxymethyl)-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-59-2 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(dimethylamino)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-60-5 CAPLUS

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(dimethylamino)ethyl]-2-[[4-

(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-61-6 CAPLUS

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(4-morpholinyl)ethyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-62-7 CAPLUS

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-63-8 CAPLUS

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(4-methyl-1-piperazinyl)ethyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-(9CI) (CA INDEX NAME)

RN 678175-64-9 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-65-0 CAPLUS
CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[methyl[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-66-1 CAPLUS
CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[methyl[2-(4-morpholinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-67-2 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-68-3 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-69-4 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(4-morpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-70-7 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(4-methyl-1-piperazinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-71-8 CAPLUS

CN 1-Pyrrolidinebutanamide, N-(5-chloro-2-pyridinyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-72-9 CAPLUS

CN 1-Piperidinebutanamide, N-(5-chloro-2-pyridinyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-73-0 CAPLUS

CN 4-Morpholinebutanamide, N-(5-chloro-2-pyridinyl)-γ-oxo-β-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-74-1 CAPLUS

CN 1-Piperazinebutanamide, N-(5-chloro-2-pyridinyl)-4-methyl- $\gamma$ -oxo-  $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-75-2 CAPLUS

CN 4-Thiomorpholinebutanamide, N-(5-chloro-2-pyridinyl)-γ-οxο-β[[4-(2-οxο-1(2H)-pyridinyl)benzoyl]amino]-, 1,1-dioxide (9CI) (CA INDEX NAME)

RN 678175-76-3 CAPLUS

CN 4-Morpholinebutanamide, N-(5-chloro-2-pyridinyl)- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-77-4 CAPLUS

CN 1-Pyrrolidinebutanamide, N-(5-chloro-2-pyridinyl)- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-78-5 CAPLUS

CN 1-Pyrrolidinebutanamide, N-(5-chloro-2-pyridinyl)-2-oxo-β-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-79-6 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

678175-80-9 CAPLUS RN

Benzeneacetamide, N-(4-chlorophenyl)- $\alpha$ -[[[4-(2-oxo-1(2H)-CN pyridinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

678175-81-0 CAPLUS RN

Benzenepropanamide, N-(4-chlorophenyl)- $\alpha$ -[[[4-(2-oxo-1(2H)-CN pyridinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

678175-82-1 CAPLUS RN

Benzamide, N-[3-[(4-chlorophenyl)amino]-1-methyl-3-oxopropyl]-4-(2-oxo-1-CN piperidinyl) - (9CI) (CA INDEX NAME)

678175-83-2 CAPLUS RN

Benzenepropanamide, N-(4-chlorophenyl)- $\beta$ -[[4-(2-oxo-1-CN piperidinyl)benzoyl]amino] - (9CI) (CA INDEX NAME)

RN 678175-84-3 CAPLUS

CN Benzenebutanamide, N-(4-chlorophenyl)- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-85-4 CAPLUS

CN Pentanoic acid, 5-[(4-chlorophenyl)amino]-5-oxo-3-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-86-5 CAPLUS

CN L-Asparagine, N-(4-chlorophenyl)-N2-[4-(2-oxo-1-piperidinyl)benzoyl](9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 678175-87-6 CAPLUS

CN Hexanoic acid, 6-[(4-chlorophenyl)amino]-6-oxo-4-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-88-7 CAPLUS

CN Butanediamide, N4-(4-chlorophenyl)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-89-8 CAPLUS

CN Butanediamide, N4-(4-chlorophenyl)-N1,N1-dimethyl-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-90-1 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[(dimethylamino)methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-91-2 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[(methylamino)methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-92-3 CAPLUS

CN Benzamide, N-[1-(aminomethyl)-3-[(4-chlorophenyl)amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-93-4 CAPLUS

CN Benzamide, N-[1-[(acetylamino)methyl]-3-[(4-chlorophenyl)amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-94-5 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[[(methylamino)carbonyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-95-6 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[(methylsulfonyl)amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-96-7 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-(hydroxymethyl)-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-97-8 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[(2-methoxyethoxy)methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-98-9 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-(methoxymethyl)-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-99-0 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(dimethylamino)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-00-6 CAPLUS

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(dimethylamino)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-01-7 CAPLUS

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(4-morpholinyl)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-02-8 CAPLUS

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-03-9 CAPLUS

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(4-methyl-1-piperazinyl)ethyl]-2[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-04-0 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-05-1 CAPLUS
CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[methyl[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-06-2 CAPLUS
CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[methyl[2-(4-morpholinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-07-3 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-08-4 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-09-5 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(4-morpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-10-8 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(4-methyl-1-piperazinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-11-9 CAPLUS

CN 1-Pyrrolidinebutanamide, N-(4-chlorophenyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-12-0 CAPLUS

CN 1-Piperidinebutanamide, N-(4-chlorophenyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-14-2 CAPLUS

CN 4-Morpholinebutanamide, N-(4-chlorophenyl)-γ-οxο-β-[[4-(2-οxο-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-16-4 CAPLUS

CN 1-Piperazinebutanamide, N-(4-chlorophenyl)-4-methyl-γ-οxο-β-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-18-6 CAPLUS

CN 4-Thiomorpholinebutanamide, N-(4-chlorophenyl)-γ-οxο-β-[[4-(2οxo-1-piperidinyl)benzoyl]amino]-, 1,1-dioxide (9CI) (CA INDEX NAME)

RN 678176-20-0 CAPLUS

CN 4-Morpholinebutanamide, N-(4-chlorophenyl)- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-22-2 CAPLUS

CN 1-Pyrrolidinebutanamide, N-(4-chlorophenyl)- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-24-4 CAPLUS

CN 1-Pyrrolidinebutanamide, N-(4-chlorophenyl)-2-oxo-β-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-26-6 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-methyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-28-8 CAPLUS

CN Benzenepropanamide, N-(5-chloro-2-pyridinyl)- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-30-2 CAPLUS

CN Benzenebutanamide, N-(5-chloro-2-pyridinyl)- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-32-4 CAPLUS

CN Pentanoic acid, 5-[(5-chloro-2-pyridinyl)amino]-5-oxo-3-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-34-6 CAPLUS

CN L-Asparagine, N-(5-chloro-2-pyridinyl)-N2-[4-(2-oxo-1-piperidinyl)benzoyl](9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 678176-36-8 CAPLUS

CN Hexanoic acid, 6-[(5-chloro-2-pyridinyl)amino]-6-oxo-4-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-38-0 CAPLUS

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-40-4 CAPLUS

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1,N1-dimethyl-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-42-6 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[(dimethylamino)methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-43-7 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[(methylamino)methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-44-8 CAPLUS

CN Benzamide, N-[1-(aminomethyl)-3-[(5-chloro-2-pyridinyl)amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-45-9 CAPLUS

CN Benzamide, N-[1-[(acetylamino)methyl]-3-[(5-chloro-2-pyridinyl)amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-46-0 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1[[[(methylamino)carbonyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-47-1 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1[[(methylsulfonyl)amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)(9CI) (CA INDEX NAME)

RN 678176-48-2 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-(hydroxymethyl)-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-49-3 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[(2-methoxyethoxy)methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-50-6 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-(methoxymethyl)-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-51-7 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(dimethylamino)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-52-8 CAPLUS

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(dimethylamino)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-53-9 CAPLUS

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(4-morpholinyl)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-54-0 CAPLUS

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-55-1 CAPLUS

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(4-methyl-1-piperazinyl)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-56-2 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-57-3 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[methyl[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-58-4 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[methyl[2-(4-morpholinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-59-5 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-60-8 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-61-9 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(4-morpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-62-0 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(4-methyl-1-piperazinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-63-1 CAPLUS

CN 1-Pyrrolidinebutanamide, N-(5-chloro-2-pyridinyl)-γ-oxo-β-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-64-2 CAPLUS

CN 1-Piperidinebutanamide, N-(5-chloro-2-pyridinyl)-γ-oxo-β-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-65-3 CAPLUS

CN 4-Morpholinebutanamide, N-(5-chloro-2-pyridinyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-66-4 CAPLUS . 
1-Piperazinebutanamide, N-(5-chloro-2-pyridinyl)-4-methyl- $\gamma$ -oxo-  $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-67-5 CAPLUS 
CN 4-Thiomorpholinebutanamide, N-(5-chloro-2-pyridinyl)- $\gamma$ -oxo- $\beta$ - [[4-(2-oxo-1-piperidinyl)benzoyl]amino]-, 1,1-dioxide (9CI) (CA INDEX NAME)

RN 678176-68-6 CAPLUS

CN 4-Morpholinebutanamide, N-(5-chloro-2-pyridinyl)- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-69-7 CAPLUS

CN 1-Pyrrolidinebutanamide, N-(5-chloro-2-pyridinyl)- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-70-0 CAPLUS

CN 1-Pyrrolidinebutanamide, N-(5-chloro-2-pyridinyl)-2-oxo-β-[[4-(2-oxo-

1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-71-1 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-72-2 CAPLUS

CN Benzeneacetamide, N-(4-chlorophenyl)- $\alpha$ -[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678176-73-3 CAPLUS

CN Benzenepropanamide, N-(4-chlorophenyl)- $\alpha$ -[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678176-74-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-75-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-2-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678176-76-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-3-phenylpropyl]- (9CI) (CA INDEX NAME)

RN 678176-78-8 CAPLUS

CN Alanine, 3-[[(5-chloro-2-thienyl)carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)

RN 678176-80-2 CAPLUS

CN Butanoic acid, 4-[[(5-chloro-2-thienyl)carbonyl]amino]-3-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-82-4 CAPLUS

CN Pentanoic acid, 5-[[(5-chloro-2-thienyl)carbonyl]amino]-4-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-84-6 CAPLUS

CN 2-Thiophenecarboxamide, N-[3-amino-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]-5-chloro- (9CI) (CA INDEX NAME)

RN 678176-86-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-(methylamino)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-88-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-(dimethylamino)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-89-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[[2-(dimethylamino)ethyl]methylamino]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-91-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[methyl[2-(4-morpholinyl)ethyl]amino]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-93-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-94-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]-(9CI) (CA INDEX NAME)

RN 678176-95-9 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(4-morpholinyl)ethoxy]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-96-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(2-oxo-1-piperidinyl)ethoxy]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-97-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-methyl-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678176-98-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678176-99-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]methyl]-2-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678177-00-9 CAPLUS

CN Butanoic acid, 3-[[(5-chloro-2-thienyl)carbonyl]amino]-4-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678177-01-0 CAPLUS

CN Alanine, N-[(5-chloro-2-thienyl)carbonyl]-3-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678177-02-1 CAPLUS

CN 2-Thiophenecarboxamide, N-[1-(aminomethyl)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]-5-chloro- (9CI) (CA INDEX NAME)

RN 678177-03-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(methylamino)methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-04-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(dimethylamino)methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-05-4 CAPLUS

CN 2-Thiophenecarboxamide, N-[1-[(acetylmethylamino)methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]-5-chloro- (9CI) (CA INDEX NAME)

RN 678177-06-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl(methylsulfonyl)amino]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

$$O = S - Me$$

$$O = CH_2 - N - Me$$

$$C1 = S$$

$$C - NH - CH - CH_2 - NH - C$$

RN 678177-07-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-(hydroxymethyl)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-08-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-(methoxymethyl)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-09-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(dimethylamino)ethoxy]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-10-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(4-morpholinyl)ethoxy]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-11-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]-1-[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]methyl]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-12-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(4-methyl-1-piperazinyl)ethoxy]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

C1 S 
$$C-NH-CH-CH_2-NH-C$$
  $CH_2$   $CH_$ 

RN 678177-13-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-14-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl[2-(4-morpholinyl)ethyl]amino]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-15-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]-1-[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]methyl]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-16-7 CAPLUS

CN Pentanoic acid, 5-[[(5-chloro-2-thienyl)carbonyl]amino]-4-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678177-17-8 CAPLUS

CN 2-Thiophenecarboxamide, N-[3-amino-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]-5-chloro- (9CI) (CA INDEX NAME)

RN 678177-18-9 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-(methylamino)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678177-19-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-(dimethylamino)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678177-20-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[[2-(dimethylamino)ethyl]methylamino]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678177-21-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[methyl[2-(4-morpholinyl)ethyl]amino]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]-(9CI) (CA INDEX NAME)

RN 678177-22-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678177-23-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]-(9CI) (CA INDEX NAME)

RN 678177-24-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(4-morpholinyl)ethoxy]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

C1 S 
$$C-NH-CH_2-CH-NH-C$$
  $CH_2$   $CH_2$   $CH_2$   $CH_2$   $CH_2$ 

RN 678177-25-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-3-[2-(2-oxo-1-piperidinyl)ethoxy]propyl]- (9CI) (CA INDEX NAME)

RN 678177-26-9 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-methyl-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-27-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678177-28-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]-2-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678177-29-2 CAPLUS

CN Butanoic acid, 3-[[(5-chloro-2-thienyl)carbonyl]amino]-4-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678177-30-5 CAPLUS

CN Alanine, N-[(5-chloro-2-thienyl)carbonyl]-3-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

IT 678177-31-6P 678177-32-7P 678177-33-8P 678177-34-9P 678177-35-0P 678177-36-1P 678177-37-2P 678177-38-3P 678177-39-4P 678177-40-7P 678177-41-8P 678177-42-9P 678177-43-0P 678177-44-1P 678177-49-6P 678177-50-9P 678177-51-0P 678177-52-1P

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678177-56-5P 678177-57-6P 678177-58-7P
678177-59-8P 678177-60-1P 678177-61-2P
678177-62-3P 678177-63-4P 678177-64-5P
678177-65-6P 678177-66-7P 678177-67-8P
678177-68-9P 678177-69-0P 678177-70-3P
678177-71-4P 678177-72-5P 678177-73-6P
678177-74-7P 678177-75-8P 678177-76-9P
678177-77-0P 678177-78-1P 678177-79-2P
678177-80-5P 678177-81-6P 678177-82-7P
678177-83-8P 678177-84-9P 678177-85-0P
678177-86-1P 678177-87-2P 678177-88-3P
678177-89-4P 678177-90-7P 678177-91-8P
678177-92-9P 678177-93-0P 678177-94-1P
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678178-65-9P 678178-66-0P 678178-67-1P
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678178-89-7P 678178-90-0P 678178-91-1P
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678179-29-8P 678179-30-1P 678179-31-2P
678179-32-3P 678179-33-4P 678179-34-5P
678179-35-6P 678179-36-7P 678179-37-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
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(Uses)

(preparation of lactam-containing diaminoalkanes,  $\beta\text{-amino}$  acids,  $\alpha\text{-amino}$  acids and derivs. thereof as factor Xa inhibitors for treating thromboembolic disorder)

RN 678177-31-6 CAPLUS

CN 2-Thiophenecarboxamide, N-[1-(aminomethyl)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]-5-chloro- (9CI) (CA INDEX NAME)

RN 678177-32-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(methylamino)methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-33-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(dimethylamino)methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-34-9 CAPLUS

CN 2-Thiophenecarboxamide, N-[1-[(acetylmethylamino)methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]-5-chloro- (9CI) (CA INDEX NAME)

RN 678177-35-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl(methylsulfonyl)amino]methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-36-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-(hydroxymethyl)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-37-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-(methoxymethyl)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-38-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(dimethylamino)ethoxy]methyl]-2-

[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-39-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(4-morpholinyl)ethoxy]methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-40-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]-1-[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-41-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(4-methyl-1-piperazinyl)ethoxy]methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]-(9CI) (CA INDEX NAME)

RN 678177-42-9 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-43-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl[2-(4-morpholinyl)ethyl]amino]methyl]-2-[[4-(2-oxo-1-

piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-44-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]-1-[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-49-6 CAPLUS

CN Benzeneacetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-50-9 CAPLUS

CN Benzeneacetamide,  $\alpha$ -[[[(5-chloro-2-pyridinyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-51-0 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678177-52-1 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-fluorophenyl)-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-53-2 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-chlorophenyl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-54-3 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-fluorophenyl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-55-4 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-methoxyphenyl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-56-5 CAPLUS

CN 1H-Indole-6-carboxamide, N-[1-[3-(aminocarbonyl)phenyl]-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]-3-chloro-(9CI) (CA INDEX NAME)

RN 678177-57-6 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-[3-(methylsulfonyl)phenyl]-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-58-7 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-methylphenyl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-59-8 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-60-1 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(3-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-61-2 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(4-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-62-3 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-cyanophenyl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-63-4 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(3-thienyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-64-5 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-65-6 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(4-thiazolyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-66-7 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-

pyridinyl)phenyl]amino]-1-(5-thiazolyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-67-8 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(2-thiazolyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-68-9 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(1-methyl-1H-pyrazol-4-yl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-69-0 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-naphthalenyl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-70-3 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(1-naphthalenyl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-71-4 CAPLUS

CN 1H-Indole-6-carboxamide, N-[1-benzo[b]thien-2-yl-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]-3-chloro- (9CI) (CA INDEX NAME)

RN 678177-72-5 CAPLUS

CN 4-Quinolineacetamide,  $\alpha$ -[[(3-chloro-1H-indol-6-yl)carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-73-6 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-chlorophenyl)-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-74-7 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-methoxyphenyl)-2-oxo-2-[[4-(2-methoxyphenyl)-2-[4-(2

oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-75-8 CAPLUS

CN 1H-Indole-6-carboxamide, N-[1-[3-(aminocarbonyl)phenyl]-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]-3-chloro- (9CI) (CA INDEX NAME)

RN 678177-76-9 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-[3-(methylsulfonyl)phenyl]-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-77-0 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-methylphenyl)-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-78-1 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-79-2 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(3-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-80-5 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(4-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-81-6 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-cyanophenyl)-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-82-7 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(3-thienyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-83-8 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-84-9 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(4-thiazolyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-85-0 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(5-thiazolyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-86-1 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(2-thiazolyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-87-2 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(1-methyl-1H-pyrazol-4-yl)-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-88-3 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-naphthalenyl)-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-89-4 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(1-naphthalenyl)-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-90-7 CAPLUS

CN 1H-Indole-6-carboxamide, N-[1-benzo[b]thien-2-yl-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]-3-chloro- (9CI) (CA INDEX NAME)

RN 678177-91-8 CAPLUS

CN 4-Quinolineacetamide,  $\alpha$ -[[(3-chloro-1H-indol-6-yl)carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-92-9 CAPLUS

CN Benzo[b]thiophene-2-acetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]a mino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-93-0 CAPLUS

CN Benzo[b]thiophene-2-acetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]a mino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-94-1 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(phenylmethyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-96-3 CAPLUS

CN Propanediamide, 2-[[(3-chloro-1H-indol-6-yl)carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-97-4 CAPLUS

CN Pentanediamide, 2-[[(3-chloro-1H-indol-6-yl)carbonyl]amino]-N1-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-98-5 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[3-(methylsulfonyl)-1-[[[4-(2-oxo-1-piperidinyl)phenyl]amino]carbonyl]propyl]- (9CI) (CA INDEX NAME)

RN 678177-99-6 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-[[[4-(2-oxo-1-piperidinyl)phenyl]amino]carbonyl]-3-phenylpropyl]- (9CI) (CA INDEX NAME)

RN 678178-00-2 CAPLUS

CN Pentanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-01-3 CAPLUS

CN Propanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-02-4 CAPLUS

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-03-5 CAPLUS

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-3-methyl-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-04-6 CAPLUS

CN Benzenepropanamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-05-7 CAPLUS

CN Benzenebutanamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-06-8 CAPLUS

CN Propanediamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-07-9 CAPLUS

CN Butanediamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N1-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-08-0 CAPLUS

CN Pentanediamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N1-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-09-1 CAPLUS

CN Pentanamide, 5-amino-2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-10-4 CAPLUS

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-4-(methylsulfonyl)-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} CH_2-CH_2-S-Me \\ \hline \\ O & O \\ \hline \\ NH-C-CH-NH-C-NH \\ \end{array}$$

RN 678178-11-5 CAPLUS

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-4-(methylsulfonyl)-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-12-6 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(phenylmethyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678178-13-7 CAPLUS

CN Butanediamide, 2-[[(3-chloro-1H-indol-6-yl)carbonyl]amino]-N1-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-14-8 CAPLUS

CN Propanediamide, 2-[[(3-chloro-1H-indol-6-yl)carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-15-9 CAPLUS

CN Pentanediamide, 2-[[(3-chloro-1H-indol-6-yl)carbonyl]amino]-N1-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-16-0 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[3-(methylsulfonyl)-1-[[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]carbonyl]propyl]- (9CI) (CA INDEX NAME)

RN 678178-17-1 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-[[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]carbonyl]-3-phenylpropyl]- (9CI) (CA INDEX NAME)

RN 678178-18-2 CAPLUS

CN Pentanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-

pyridinyl)phenyl] - (9CI) (CA INDEX NAME)

RN 678178-19-3 CAPLUS

CN Propanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-20-6 CAPLUS

CN Butanamide, 2-[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-21-7 CAPLUS

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-3-methyl-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-23-9 CAPLUS

CN Benzenepropanamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-25-1 CAPLUS

CN Benzenebutanamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-27-3 CAPLUS

CN Propanediamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-29-5 CAPLUS

CN Butanediamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N1-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-30-8 CAPLUS

CN Pentanediamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N1-[4-(2-0x0-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-31-9 CAPLUS

CN Pentanamide, 5-amino-2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-33-1 CAPLUS

CN Benzamide, N-[3-[[(6-chlorothieno[2,3-b]pyridin-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

$$C1 \longrightarrow S \longrightarrow NH-C-CH_2-CH_2-NH-C$$

RN 678178-36-4 CAPLUS

CN Benzamide, N-[3-[[(6-chlorothieno[2,3-b]pyridin-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-37-5 CAPLUS

CN Benzamide, N-[2-[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-2-oxoethyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-38-6 CAPLUS

CN Benzamide, N-[2-[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-39-7 CAPLUS

CN Benzamide, N-[2-[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-40-0 CAPLUS

CN Benzamide, N-[2-[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-2-oxoethyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-41-1 CAPLUS

CN Benzamide, N-[3-[[(6-chlorothieno[2,3-b]pyridin-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-42-2 CAPLUS

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-43-3 CAPLUS

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

$$C1 \qquad \begin{array}{c|c} H & O & O \\ N & \parallel & \parallel \\ S - NH - C - CH_2 - CH_2 - NH - C \end{array}$$

RN 678178-44-4 CAPLUS

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-45-5 CAPLUS

CN Benzamide, N-[3-[[(4-chlorophenyl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-46-6 CAPLUS

CN Benzamide, N-[3-[[(4-chlorophenyl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

RN 678178-47-7 CAPLUS

CN Benzamide, N-[2-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-2-oxoethyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-48-8 CAPLUS

CN Benzamide, N-[1-[[[(6-chloro-2-naphthalenyl)sulfonyl]amino]carbonyl]-2-methylpropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-49-9 CAPLUS

CN Benzamide, N-[2-[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-50-2 CAPLUS

CN Benzamide, N-[2-[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-2-oxoethyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-51-3 CAPLUS

CN Benzamide, N-[3-[[(5-chloro-2-pyridinyl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & \\ & & \\ & & \\ &$$

RN 678178-52-4 CAPLUS

CN Benzamide, N-[1-[[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]carbonyl]-2-methylpropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-54-6 CAPLUS

CN Benzamide, N-[1-[[[(6-chloro-2-naphthalenyl)sulfonyl]amino]carbonyl]-2-methylbutyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-56-8 CAPLUS

CN Benzamide, N-[2-[[(5-chloro-2-thienyl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-57-9 CAPLUS

CN Benzamide, N-[2-[[(6-chlorothieno[2,3-b]pyridin-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-58-0 CAPLUS

CN Benzamide, N-[2-[[(6-chlorothieno[2,3-b]pyridin-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-59-1 CAPLUS

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-60-4 CAPLUS

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-61-5 CAPLUS

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-62-6 CAPLUS

CN Benzamide, N-[3-[[(4-chlorophenyl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-/(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-63-7 CAPLUS

CN Benzamide, N-[3-[[(4-chlorophenyl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-64-8 CAPLUS

CN Benzeneacetamide, N-[(6-chloro-1H-indol-2-yl)sulfonyl]- $\alpha$ -[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678178-65-9 CAPLUS

CN Benzeneacetamide, N-[(6-chloro-1H-indol-2-yl)sulfonyl]- $\alpha$ -[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678178-66-0 CAPLUS

CN Benzeneacetamide, N-[(6-chloro-1H-indol-2-yl)sulfonyl]- $\alpha$ -[[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

$$C1 \xrightarrow{H} \circ \circ Ph \circ Ph \circ NH - C - CH - CH_2 - NH - C$$

RN 678178-67-1 CAPLUS

CN Benzeneacetamide, N-[(4-chlorophenyl)sulfonyl]- $\alpha$ -[[[4-(2- $\infty$ -1-piperidinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678178-68-2 CAPLUS

CN Benzeneacetamide, N-[(5-chloro-2-pyridinyl)sulfonyl]- $\alpha$ -[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678178-69-3 CAPLUS

CN Benzeneacetamide, N-[(6-chloro-1H-indol-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-70-6 CAPLUS

CN Benzeneacetamide, N-[(6-chloro-2-naphthalenyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-71-7 CAPLUS

CN Benzeneacetamide, N-[(5-chloro-2-thienyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-72-8 CAPLUS

CN Benzeneacetamide, N-[(6-chlorothieno[2,3-b]pyridin-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-73-9 CAPLUS

CN Benzeneacetamide, N-[(5-chloro-2-thienyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-74-0 CAPLUS

CN Benzeneacetamide, N-[(4-chlorophenyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-75-1 CAPLUS

CN Benzeneacetamide, N-[(5-chloro-2-pyridinyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-76-2 CAPLUS

CN Benzeneacetamide, N-[(4-chlorophenyl)sulfonyl]-α-[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-77-3 CAPLUS

CN Benzeneacetamide, N-[(5-chloro-2-pyridinyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-78-4 CAPLUS

CN Benzeneacetamide, N-[(4-chlorophenyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-79-5 CAPLUS

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-2,2-dimethyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-80-8 CAPLUS

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-2,2-dimethyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-81-9 CAPLUS

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-2,2-dimethyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-82-0 CAPLUS

CN Benzamide, N-[3-[[(4-chlorophenyl)sulfonyl]amino]-2,2-dimethyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-83-1 CAPLUS

CN Benzamide, N-[3-[[(5-chloro-2-pyridinyl)sulfonyl]amino]-2,2-dimethyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-84-2 CAPLUS

CN Benzamide, N-[3-[[(6-chlorobenzo[b]thien-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-85-3 CAPLUS

CN Benzamide, N-[3-[[(6-chlorobenzo[b]thien-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178'-86-4 CAPLUS

CN Benzamide, N-[3-[[(6-chlorobenzo[b]thien-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-87-5 CAPLUS

CN Benzamide, N-[2-[[(6-chlorobenzo[b]thien-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-88-6 CAPLUS

CN Benzamide, N-[2-[[(6-chlorobenzo[b]thien-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-89-7 CAPLUS

CN Benzamide, N-[2-[[(6-chlorobenzo[b]thien-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-90-0 CAPLUS

CN Benzamide, N-[3-[[(6-chloro-3-methylbenzo[b]thien-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-91-1 CAPLUS

CN Benzamide, N-[3-[[(6-chloro-3-methylbenzo[b]thien-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-92-2 CAPLUS

CN Benzamide, N-[3-[[(6-chloro-3-methylbenzo[b]thien-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-93-3 CAPLUS

CN Benzamide, N-[2-[[(6-chloro-3-methylbenzo[b]thien-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-94-4 CAPLUS

CN Benzamide, N-[2-[[(6-chloro-3-methylbenzo[b]thien-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-95-5 CAPLUS

CN Benzamide, N-[2-[[(6-chloro-3-methylbenzo[b]thien-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-96-6 CAPLUS

CN Benzamide, N-[2-methyl-3-[[(6-methylbenzo[b]thien-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-97-7 CAPLUS

CN Benzamide, N-[2-methyl-1-[[[(6-methylbenzo[b]thien-2-yl)sulfonyl]amino]carbonyl]propyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-98-8 CAPLUS

CN Benzamide, N-[2-methyl-3-[[(6-methylbenzo[b]thien-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-99-9 CAPLUS

CN Benzamide, N-[2-methyl-1-[[[(6-methylbenzo[b]thien-2-yl)sulfonyl]amino]carbonyl]propyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678179-00-5 CAPLUS

CN Benzamide, N-[2-methyl-3-[[(6-methylbenzo[b]thien-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678179-01-6 CAPLUS

CN Benzamide, N-[2-methyl-1-[[[(6-methylbenzo[b]thien-2-yl)sulfonyl]amino]carbonyl]propyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678179-02-7 CAPLUS

CN Benzamide, N-[3-[[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678179-03-8 CAPLUS

CN Benzamide, N-[1-[[[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]amino]carbonyl]-2-methylpropyl]-4-(2-oxo-1-piperidinyl)- (9CI)
(CA INDEX NAME)

RN 678179-04-9 CAPLUS

CN Benzamide, N-[2-[[[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]amino]carbonyl]butyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678179-05-0 CAPLUS

CN Benzamide, N-[1-[[[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]amino]carbonyl]-2-methylpropyl]-4-(2-oxo-1(2H)-pyrazinyl)-(9CI) (CA INDEX NAME)

RN 678179-06-1 CAPLUS

CN Benzamide, N-[2-[[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678179-07-2 CAPLUS

CN Benzeneacetamide, N-[(6-chlorobenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-08-3 CAPLUS

CN Benzeneacetamide, N-[(6-methylbenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-09-4 CAPLUS

CN Benzeneacetamide, N-[(6-chlorobenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-10-7 CAPLUS

CN Benzeneacetamide, N-[(6-chlorobenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-11-8 CAPLUS

CN Benzeneacetamide, N-[(6-methylbenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-12-9 CAPLUS

CN Benzeneacetamide, N-[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-13-0 CAPLUS

CN Benzeneacetamide, N-[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-14-1 CAPLUS

CN Benzeneacetamide, N-[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-18-5 CAPLUS

CN 1-Piperidinecarboxamide, N-[2-[[(5-chloro-2-thienyl)carbonyl]amino]ethyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

$$C1 \longrightarrow S \longrightarrow C-NH-CH_2-CH_2-NH-C-N$$

RN 678179-19-6 CAPLUS

CN 1-Piperidinecarboxamide, N-[2-[[(5-chloro-2-thienyl)carbonyl]amino]ethyl]-4-(2-oxo-1(2H)-pyrazinyl)-(9CI) (CA INDEX NAME)

$$C1 \longrightarrow C-NH-CH_2-CH_2-NH-C-N$$

RN 678179-20-9 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyrazinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678179-21-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-oxo-2-[[4-(3-oxo-4-morpholinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678179-23-2 CAPLUS

CN 1H-Imidazole-2-butanamide,  $\alpha$ -[[(5-chloro-2-thienyl)carbonyl]amino]-1-methyl-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

Me
$$CH_2-CH_2-CH-NH-C$$
 $CH_2-CH_2-CH-NH-C$ 

RN 678179-24-3 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[[(5-chloro-2-thienyl)carbonyl]amino]tetrahy dro-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678179-25-4 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[[(5-chloro-2-thienyl)carbonyl]amino]tetrahy dro-N-[4-(2-oxo-1(2H)-pyrazinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678179-26-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678179-27-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678179-28-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-methoxy-1-[[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]methyl]propyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{C1} & \text{S} & \text{CH}_2\text{--}\text{CH}_2\text{--}\text{OMe} \\ & \text{C}\text{--}\text{NH}\text{--}\text{CH}\text{--}\text{CH}_2\text{--}\text{NH}\text{--}\text{C} \\ & \text{O} & \text{O} & \text{O} & \text{O} \\ \end{array}$$

RN 678179-29-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[4-methoxy-2-[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]butyl]- (9CI) (CA INDEX NAME)

RN 678179-30-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-(1-methyl-1H-imidazol-2-yl)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678179-31-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(1-methyl-1H-imidazol-2-yl)methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

$$C = 0$$

$$C = 0$$

$$CH_2 \qquad 0$$

$$CH_2 - CH - NH - C$$

$$N \qquad CH_2 - CH - NH - C$$

RN 678179-32-3 CAPLUS

CN

2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]-2-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678179-33-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-methyl-2-[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678179-34-5 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678179-35-6 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678179-36-7 CAPLUS

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678179-37-8 CAPLUS

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

L21 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER:

2004:738402 CAPLUS

DOCUMENT NUMBER:

141:243828

TITLE:

Synthesis of amino acid ethylene derivatives for use

as coagulation factor Xa inhibitors for treatment of

disease

INVENTOR (S):

Mederski, Werner; Tsaklakidis, Christos; Dorsch, Dieter; Cezanne, Bertram; Gleitz, Johannes; Van

Amsterdam, Christoph

PATENT ASSIGNEE(S):

Merck Patent GmbH, Germany

SOURCE:

GI

Ger. Offen., 19 pp. CODEN: GWXXBX

DOCUMENT TYPE:

Patent

LANGUAGE:

German

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO.	DATE	
DE 10308907	A1 20040909 DE 2003-10308907		20030228	
CA 2517391	AA 20040910	AA 20040910 CA 2004-2517391		
WO 2004076429	A1 20040910	WO 2004-EP817	20040130	
W: AE, AG, AL	, AM, AT, AU, AZ,	BA, BB, BG, BR, BW,	BY, BZ, CA, CH,	
CN, CO, CR	, CU, CZ, DE, DK,	DM, DZ, EC, EE, EG,	ES, FI, GB, GD,	
GE, GH, GM	, HR, HU, ID, IL,	IN, IS, JP, KE, KG,	KP, KR, KZ, LC,	
LK, LR, LS	, LT, LU, LV, MA,	MD, MG, MK, MN, MW,	MX, MZ, NA, NI	
RW: BW, GH, GM	, KE, LS, MW, MZ,	SD, SL, SZ, TZ, UG,	ZM, ZW, AT, BE,	
BG, CH, CY	, CZ, DE, DK, EE,	ES, FI, FR, GB, GR,	HU, IE, IT, LU,	
MC, NL, PT	, RO, SE, SI, SK,	TR, BF, BJ, CF, CG,	CI, CM, GA, GN,	
GQ, GW, ML	, MR, NE, SN, TD,	TG		
PRIORITY APPLN. INFO.:		DE 2003-10308907	A 20030228	
		WO 2004-EP817	W 20040130	
OTHER SOURCE(S):	MARPAT 141:2438	28		

$$\begin{array}{c} \text{H}_2\text{C}-\text{CH}_3\\ \text{CH}_2\\ \text{HC} = \text{C}-\text{p-C}_6\text{H}_4-\text{NH}-\text{CO}-\text{NH} \\ \end{array}$$

Title compds., e.g., (I), were prepared and tested for use as inhibitors of AB coagulation factors Xa and VIIa, for treatment of thromboembolic illnesses or tumors. Thus, Fmoc-D-Nva-OH (Nva = norvaline) was reacted with 4-(3-oxo-4-morpholinyl)aniline, the intermediate Fmoc-deprotected, and the product coupled with 4-ethynylaniline to give I. I had IC50 affinities for factor Xa or VIIa receptors, resp., of 2.5 x 10-8 M and 8.8 x 10-8 M (no exptl. details given).

IT 749250-59-7P

RL: BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of amino acid ethylene derivs. for use as coagulation factor Xa inhibitors for treatment of disease)

RN749250-59-7 CAPLUS

Pentanamide, 2-[[[(4-ethynylphenyl)amino]carbonyl]amino]-N-[4-(3-oxo-4-CNmorpholinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

## 749250-60-0 749250-62-2 749250-64-4 IT

RL: BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(preparation of amino acid ethylene derivs. for use as coagulation factor Xa inhibitors for treatment of disease)

RN

749250-60-0 CAPLUS
Pentanamide, 2-[[[(4-ethynylphenyl)amino]carbonyl]amino]-4-methyl-N-[4-(3-CN oxo-4-morpholinyl) phenyl] -, (2R) - (9CI) (CA INDEX NAME)

RN 749250-62-2 CAPLUS

CN Propanamide, 2-[[[(4-ethynylphenyl)amino]carbonyl]amino]-3-methoxy-N-[4-(3-oxo-4-morpholinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 749250-64-4 CAPLUS

CN Propanamide, 2-[[[(4-ethynylphenyl)amino]carbonyl]amino]-3-hydroxy-N-[4-(3-oxo-4-morpholinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

IT 749250-66-6 749250-67-7 749250-68-8 749250-70-2

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(preparation of amino acid ethylene derivs. for use as coagulation factor Xa inhibitors for treatment of disease)

RN 749250-66-6 CAPLUS

CN Pentanamide, 2-[[[(4-ethynylphenyl)amino]carbonyl]amino]-N-[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 749250-67-7 CAPLUS

CN Propanamide, 2-[[[(4-ethynylphenyl)amino]carbonyl]amino]-3-methoxy-N-[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 749250-68-8 CAPLUS

CN Propanamide, 2-[[(4-ethynylphenyl)amino]carbonyl]amino]-3-hydroxy-N-[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

RN 749250-70-2 CAPLUS

CN Propanamide, 2-[[[(5-ethynyl-2-pyridinyl)amino]carbonyl]amino]-3-methoxy-N[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L21 ANSWER 9 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2005:159020 USPATFULL TITLE: Carboxamide derivatives

INVENTOR(S): Dorsch, Dieter, Ober-Ramstadt, GERMANY, FEDERAL

REPUBLIC OF

Mederski, Werner, Zwingenberg, GERMANY, FEDERAL

REPUBLIC OF

Tsaklakidis, Christos, Weinheim, GERMANY, FEDERAL

REPUBLIC OF

Cezanne, Bertram, Morfelden-Walldorf, GERMANY, FEDERAL

REPUBLIC OF

Gleitz, Johannes, Darmstadt, GERMANY, FEDERAL REPUBLIC

OF

Barnes, Christopher, Bad Soden, GERMANY, FEDERAL

REPUBLIC OF

	NUMBER		KIND	DATE	
PATENT INFORMATION:	US	2005137230	A1	20050623	
APPLICATION INFO.:	US	2005-59655	A1	20050217	(11)

Division of Ser. No. US 2003-450651, filed on 16 Jun RELATED APPLN. INFO.:

2003, PENDING A 371 of International Ser. No. WO

2001-EP13545, filed on 21 Nov 2001

NUMBER DATE

DE 2000-10063008 20001216 PRIORITY INFORMATION:

DOCUMENT TYPE: Utility

APPLICATION FILE SEGMENT:

MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON LEGAL REPRESENTATIVE:

BLVD., SUITE 1400, ARLINGTON, VA, 22201, US

NUMBER OF CLAIMS: EXEMPLARY CLAIM: 1 LINE COUNT: 1929

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Novel compounds of the formula I ##STR1## in which

R.sup.1, D, E, W, X and n are as defined in claim 1, are inhibitors of coaqulation factor Xa and can be employed for the prophylaxis and/or therapy of thromboembolic diseases and for the treatment of tumours.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 438054-61-6P 438054-62-7P 438054-63-8P

438055-60-8P 438055-63-1P 438055-65-3P 438055-66-4P 438055-67-5P 438055-71-1P

(claimed compound; preparation of ureido- and carbamoyloxy-substituted amides

as inhibitors of factor Xa for the treatment of clotting disorders such as strokes and cancer)

438054-61-6 USPATFULL RN

Benzenepropanamide, α-[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-CN(2-oxo-1-piperidinyl)phenyl]-, (αR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

438054-62-7 USPATFULL RN

Benzenepropanamide,  $\alpha$ -[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-CN (2-oxo-1-piperidinyl)phenyl]-, (αS)- (9CI) (CA INDEX NAME)

RN 438054-63-8 USPATFULL

CN Benzenepropanamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(3-oxo-4-morpholinyl)phenyl]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 438055-60-8 USPATFULL

CN Benzenepropanamide, 4-cyano-N-[4-(2-oxo-1-piperidinyl)phenyl]- $\alpha$ [[(phenylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)

RN 438055-63-1 USPATFULL

CN Benzenepropanamide, 3-(aminocarbonyl)-N-[4-(2-oxo-1-piperidinyl)phenyl]- $\alpha$ -[[(phenylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)

RN 438055-65-3 USPATFULL

CN Benzenepropanamide, 3-(aminocarbonyl)- $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]-(9CI) (CA INDEX NAME)

RN 438055-66-4 USPATFULL

CN

Benzeneacetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 438055-67-5 USPATFULL

CN Benzeneacetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[3-methyl-4-(2-oxo-1-piperidinyl)phenyl]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

## Absolute stereochemistry.

RN 438055-71-1 USPATFULL

CN 2-Thiopheneacetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyrazinyl)phenyl]- (9CI) (CA INDEX NAME)

L21 ANSWER 10 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2004:216022 USPATFULL

TITLE: Inhibitors of factor Xa and other serine proteases

involved in the coagulation cascade

INVENTOR(S): Bolton, Gary Louis, Ann Arbor, MI, UNITED STATES Filipski, Kevin James, Canton, MI, UNITED STATES

Kohrt, Jeffrey Thomas, Ann Arbor, MI, UNITED STATES

La, Frances, Gainesville, FL, UNITED STATES

Leonard, Daniele Marie, Ann Arbor, MI, UNITED STATES

PATENT ASSIGNEE(S): Pfizer Inc. (U.S. corporation)

NUMBER DATE

PRIORITY INFORMATION: US 2002-409891P 20020911 (60) DOCUMENT TYPE: Utility

FILE SEGMENT: Utility
APPLICATION

LEGAL REPRESENTATIVE: PFIZER INC, 150 EAST 42ND STREET, 5TH FLOOR - STOP 49,

NEW YORK, NY, 10017-5612

NUMBER OF CLAIMS: 42 EXEMPLARY CLAIM: 1

LINE COUNT:

3380

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

This invention discloses amino acid derivatives which display inhibitory effects on the serine protease factor Xa. The invention also discloses pharmaceutically acceptable salts of the compounds, pharmaceutically acceptable compositions comprising the compounds or their salts, methods for the preparation of the compounds, and methods of using them as therapeutic agents for treating or preventing disease states in mammals characterized by abnormal thrombosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 675834-10-3P, (1S,2S)-1-[3-(4-Chlorophenyl)ureido]-2-

hydroxymethylcyclopropanecarboxylic acid N-[2-fluoro-4-(2-oxopiperidin-1-yl)phenyl]amide 675834-15-8P, (1R,2S)-1-[3-(4-

Chlorophenyl)ureido]-2-hydroxymethylcyclopropanecarboxylic acid

N-[2-fluoro-4-(2-oxopiperidin-1-yl)phenyl]amide 675834-30-7P,

2-[3-(4-Chlorophenyl)-1-(2-methoxyethyl)ureido]-N-[2-fluoro-4-(2-

oxopiperidin-1-yl)phenyl]acetamide

(factor Xa inhibitor; preparation of [phenylureido(hetero)cyclyl]carboxamide s as factor Xa inhibitors for treatment of abnormal thrombosis)

RN 675834-10-3 USPATFULL

CN Cyclopropanecarboxamide, 1-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[2-fluoro-4-(2-oxo-1-piperidinyl)phenyl]-2-(hydroxymethyl)-, (1S,2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 675834-15-8 USPATFULL

RN 675834-30-7 USPATFULL

CN Acetamide, 2-[[[(4-chlorophenyl)amino]carbonyl](2-methoxyethyl)amino]-N-[2-fluoro-4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

L21 ANSWER 11 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2004:101765 USPATFULL

TITLE: Lactam-containing diaminoalkyl, beta-aminoacids,

alpha-aminoacids and derivatives thereof as factor Xa

inhibitors

INVENTOR(S): Qiao, Jennifer X., Princeton, NJ, UNITED STATES

Han, Wei, Yardley, PA, UNITED STATES

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT

DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000

NUMBER OF CLAIMS: 14 EXEMPLARY CLAIM: 1 LINE COUNT: 4450

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present application describes lactam-containing diaminoalkyl,  $\beta\text{-aminoacids},\ \alpha\text{-aminoacids}$  and derivatives thereof of Formula I:

## P-M-M.sub.1 I

or pharmaceutically acceptable salt forms thereof, wherein M is a linear core. Compounds of the present invention are useful as inhibitors of trypsin-like serine proteases, specifically factor Xa.

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 678174-73-7P 678174-74-8P 678174-75-9P
     678174-76-0P 678174-77-1P 678174-78-2P
     678174-79-3P 678174-80-6P 678174-81-7P
     678174-82-8P 678174-83-9P 678174-84-0P
     678174-85-1P 678174-86-2P 678174-87-3P
     678174-88-4P 678174-89-5P 678174-90-8P
     678174-91-9P 678174-92-0P 678174-93-1P
     678174-94-2P 678174-95-3P 678174-96-4P
      678174-97-5P 678174-98-6P 678174-99-7P
      678175-00-3P 678175-01-4P 678175-02-5P
      678175-03-6P 678175-04-7P 678175-05-8P
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      678175-55-8P 678175-56-9P 678175-57-0P
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      678175-70-7P 678175-71-8P 678175-72-9P
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      678175-79-6P 678175-80-9P 678175-81-0P
      678175-82-1P 678175-83-2P 678175-84-3P
      678175-85-4P 678175-86-5P 678175-87-6P
      678175-88-7P 678175-89-8P 678175-90-1P
      678175-91-2P 678175-92-3P 678175-93-4P
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      678175-97-8P 678175-98-9P 678175-99-0P
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      678176-06-2P 678176-07-3P 678176-08-4P
      678176-09-5P 678176-10-8P 678176-11-9P
      678176-12-0P 678176-14-2P 678176-16-4P
      678176-18-6P 678176-20-0P 678176-22-2P
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 678176-91-5P 678176-93-7P 678176-94-8P
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 678177-13-4P 678177-14-5P 678177-15-6P
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 678177-22-5P 678177-23-6P 678177-24-7P
 678177-25-8P 678177-26-9P 678177-27-0P
 678177-28-1P 678177-29-2P
   (preparation of lactam-containing diaminoalkanes, \beta-amino acids,
  \alpha\text{-amino} acids and derivs. thereof as factor \textsc{Xa} inhibitors for
  treating thromboembolic disorder)
678174-73-7 USPATFULL
Benzeneacetamide, α-[[(5-chloro-2-thienyl)sulfonyl]amino]-N-[4-(2-
```

RN CN

RN 678174-74-8 USPATFULL CN Benzeneacetamide,  $\alpha$ -[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678174-75-9 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678174-76-0 USPATFULL

CN 1H-Indole-2-carboxamide, 5-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678174-77-1 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678174-78-2 USPATFULL

CN 1H-Indole-6-carboxamide, N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678174-79-3 USPATFULL

CN Benzeneacetamide,  $\alpha$ -[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 678174-80-6 USPATFULL

CN Benzeneacetamide,  $\alpha$ -[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]-, ( $\alpha$ S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 678174-81-7 USPATFULL

CN Benzeneacetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678174-82-8 USPATFULL

CN Glycine, N-[(5-chloro-2-thienyl)sulfonyl]-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-phenylethyl]-, methyl ester (9CI) (CA INDEX NAME)

RN 678174-83-9 USPATFULL

CN Benzamide, N-[3-[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Cl} & \text{O} & \text{O} & \text{O} \\ & \text{S} & \text{NH-C-CH}_2\text{-CH}_2\text{-NH-C} \\ & \text{O} & \text{O} \\ & \text{O} \\ & \text{O} & \text{O} \\ & \text{O} & \text{O} \\ & \text{O} \\ & \text{O} & \text{O} \\ & \text{O} \\ & \text{O} & \text{O} \\ & \text{$$

RN 678174-84-0 USPATFULL

CN Benzamide, N-[3-[[(4-methoxyphenyl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678174-85-1 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ &$$

RN 678174-86-2 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

RN 678174-87-3 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

$$C1 \underbrace{\hspace{1cm} \overset{\circ}{\underset{\hspace{1cm}} } \overset{\overset{\overset}{\underset{\hspace{1cm}}} \overset{\overset{\overset}{\underset$$

RN 678174-88-4 USPATFULL

CN 1H-Indole-2-carboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} H & O & O & O \\ \hline N & C - NH - CH_2 - CH_2 - NH - C \end{array}$$

RN 678174-89-5 USPATFULL

CN 2H-Pyran-4-acetamide, N-(4-chlorophenyl)tetrahydro-4-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678174-90-8 USPATFULL

CN Alanine, N-[(5-chloro-2-thienyl)carbonyl]-3-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

RN 678174-91-9 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678174-92-0 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} C1 & S & 0 & 0 & 0 \\ \hline & C-NH-CH_2-CH_2-NH-C & 0 & 0 \\ \hline & & & & & & \\ \hline & & & & & & \\ \end{array}$$

RN 678174-93-1 USPATFULL

CN 2-Thiophenecarboxamide, 5-methoxy-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

MeO S 
$$C$$
 NH-CH<sub>2</sub>-CH<sub>2</sub>-NH-C

RN 678174-94-2 USPATFULL

CN 2-Thiophenecarboxamide, 3-chloro-5-methoxy-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{MeO} & \text{S} & \text{O} \\ \hline & \text{C-NH-CH}_2\text{-CH}_2\text{-NH-C} \\ \hline & \text{Cl} & \\ \end{array}$$

RN 678174-95-3 USPATFULL

CN 2-Thiophenecarboxamide, 3,5-dichloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678174-96-4 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678174-97-5 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-methyl-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]butyl]- (9CI) (CA INDEX NAME)

RN 678174-98-6 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-2-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678174-99-7 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-3-phenylpropyl]- (9CI) (CA INDEX NAME)

RN 678175-00-3 USPATFULL

CN Alanine, 3-[[(5-chloro-2-thienyl)carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)benzoyl]-, methyl ester (9CI) (CA INDEX NAME)

RN 678175-01-4 USPATFULL

CN Alanine, 3-[[(5-chloro-2-thienyl)carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)benzoyl]- (9CI) (CA INDEX NAME)

RN 678175-02-5 USPATFULL

CN Butanoic acid, 4-[[(5-chloro-2-thienyl)carbonyl]amino]-3-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

RN 678175-03-6 USPATFULL

CN Butanoic acid, 4-[[(5-chloro-2-thienyl)carbonyl]amino]-3-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-04-7 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-05-8 USPATFULL

CN Benzenepropanamide, N-(4-chlorophenyl)-β-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-06-9 USPATFULL

CN Benzenebutanamide, N-(4-chlorophenyl)-β-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-07-0 USPATFULL

CN Pentanoic acid, 5-[(4-chlorophenyl)amino]-5-oxo-3-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-08-1 USPATFULL

CN L-Asparagine, N-(4-chlorophenyl)-N2-[4-(2-oxo-1(2H)-pyridinyl)benzoyl](9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 678175-09-2 USPATFULL

CN Hexanoic acid, 6-[(4-chlorophenyl)amino]-6-oxo-4-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-10-5 USPATFULL

CN Butanediamide, N4-(4-chlorophenyl)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-11-6 USPATFULL

CN Butanediamide, N4-(4-chlorophenyl)-N1,N1-dimethyl-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-12-7 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[(dimethylamino)methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-13-8 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[(methylamino)methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-14-9 USPATFULL

CN Benzamide, N-[1-(aminomethyl)-3-[(4-chlorophenyl)amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-15-0 USPATFULL

CN Benzamide, N-[1-[(acetylamino)methyl]-3-[(4-chlorophenyl)amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-16-1 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[[(methylamino)carbonyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-17-2 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[(methylsulfonyl)amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-18-3 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-(hydroxymethyl)-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-19-4 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[(2-methoxyethoxy)methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-20-7 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-(methoxymethyl)-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-21-8 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(dimethylamino)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-22-9 USPATFULL

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(dimethylamino)ethyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-23-0 USPATFULL

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(4-morpholinyl)ethyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-24-1 USPATFULL

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-(9CI) (CA INDEX NAME)

RN 678175-25-2 USPATFULL
CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(4-methyl-1-piperazinyl)ethyl]-2[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-26-3 USPATFULL
CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-27-4 USPATFULL
CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[methyl[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-28-5 USPATFULL
CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[methyl[2-(4-morpholinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-29-6 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-30-9 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-32-1 USPATFULL
CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(4-morpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-33-2 USPATFULL
CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(4-methyl-1-piperazinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-34-3 USPATFULL

CN 1-Pyrrolidinebutanamide, N-(4-chlorophenyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-35-4 USPATFULL

CN 1-Piperidinebutanamide, N-(4-chlorophenyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-36-5 USPATFULL CN 4-Morpholinebutanamide

4-Morpholinebutanamide, N-(4-chlorophenyl)-γ-οxο-β-[[4-(2-οxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-37-6 USPATFULL

CN 1-Piperazinebutanamide, N-(4-chlorophenyl)-4-methyl-γ-οxο-β-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-38-7 USPATFULL

CN 4-Thiomorpholinebutanamide, N-(4-chlorophenyl)-γ-οxο-β-[[4-(2-οxο-1(2H)-pyridinyl)benzoyl]amino]-, 1,1-dioxide (9CI) (CA INDEX NAME)

RN 678175-39-8 USPATFULL

CN 4-Morpholinebutanamide, N-(4-chlorophenyl)- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-40-1 USPATFULL

CN 1-Pyrrolidinebutanamide, N-(4-chlorophenyl)-β-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-41-2 USPATFULL

CN 1-Pyrrolidinebutanamide, N-(4-chlorophenyl)-2-oxo-β-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-42-3 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-43-4 USPATFULL

CN Benzenepropanamide, N-(5-chloro-2-pyridinyl)-β-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-44-5 USPATFULL

CN Benzenebutanamide, N-(5-chloro-2-pyridinyl)- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-45-6 USPATFULL

CN Pentanoic acid, 5-[(5-chloro-2-pyridinyl)amino]-5-oxo-3-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-46-7 USPATFULL

CN L-Asparagine, N-(5-chloro-2-pyridinyl)-N2-[4-(2-oxo-1(2H)-pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 678175-47-8 USPATFULL

CN Hexanoic acid, 6-[(5-chloro-2-pyridinyl)amino]-6-oxo-4-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-48-9 USPATFULL

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-49-0 USPATFULL

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1,N1-dimethyl-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-50-3 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[(dimethylamino)methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-51-4 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[(methylamino)methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-52-5 USPATFULL

CN Benzamide, N-[1-(aminomethyl)-3-[(5-chloro-2-pyridinyl)amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-53-6 USPATFULL

CN Benzamide, N-[1-[(acetylamino)methyl]-3-[(5-chloro-2-pyridinyl)amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-54-7 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1[[[(methylamino)carbonyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-55-8 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1[[(methylsulfonyl)amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)(9CI) (CA INDEX NAME)

RN 678175-56-9 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-(hydroxymethyl)-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-57-0 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[(2-methoxyethoxy)methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-58-1 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-(methoxymethyl)-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-59-2 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(dimethylamino)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-60-5 USPATFULL

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(dimethylamino)ethyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-61-6 USPATFULL

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(4-morpholinyl)ethyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-62-7 USPATFULL

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-(9CI) (CA INDEX NAME)

RN 678175-63-8 USPATFULL

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(4-methyl-1-piperazinyl)ethyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-64-9 USPATFULL
CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-65-0 USPATFULL
CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[methyl[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-66-1 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[methyl[2-(4-morpholinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-67-2 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-68-3 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)-(9CI) (CA INDEX NAME)

RN 678175-69-4 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(4-morpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-70-7 USPATFULL
CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(4-methyl-1-piperazinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-71-8 USPATFULL CN 1-Pyrrolidinebutanamide, N-(5-chloro-2-pyridinyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-72-9 USPATFULL

CN 1-Piperidinebutanamide, N-(5-chloro-2-pyridinyl)-γ-oxo-β-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-73-0 USPATFULL

CN 4-Morpholinebutanamide, N-(5-chloro-2-pyridinyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-74-1 USPATFULL

CN 1-Piperazinebutanamide, N-(5-chloro-2-pyridinyl)-4-methyl- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-75-2 USPATFULL

CN 4-Thiomorpholinebutanamide, N-(5-chloro-2-pyridinyl)- $\gamma$ -oxo- $\beta$ - [[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-, 1,1-dioxide (9CI) (CA INDEX NAME)

RN 678175-76-3 USPATFULL

CN 4-Morpholinebutanamide, N-(5-chloro-2-pyridinyl)-β-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-77-4 USPATFULL

CN 1-Pyrrolidinebutanamide, N-(5-chloro-2-pyridinyl)- $\beta$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-78-5 USPATFULL

CN 1-Pyrrolidinebutanamide, N-(5-chloro-2-pyridinyl)-2-oxo- $\beta$ -[[4-(2-oxo-pyridinyl)-2-oxo- $\beta$ -[4-(2-oxo-pyridinyl)-2-oxo- $\beta$ -[4-(2-oxo-pyridinyl)-2-oxo- $\beta$ -[4-(2-oxo-pyridinyl)-2-oxo- $\beta$ -[4-(2-oxo-pyridinyl)-2-oxo- $\beta$ -[4-(2-oxo-pyridinyl)-2-oxo- $\beta$ -[4-(2-oxo-pyridinyl)-2-oxo-pyridinyl)-2-oxo- $\beta$ -[4-(2-oxo-pyridinyl)-2-oxo-pyridinyl)-2-oxo-pyridinyl)-2-oxo-pyridinyl

1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-79-6 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678175-80-9 USPATFULL

CN Benzeneacetamide, N-(4-chlorophenyl)- $\alpha$ -[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678175-81-0 USPATFULL

CN Benzenepropanamide, N-(4-chlorophenyl)- $\alpha$ -[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678175-82-1 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-methyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-83-2 USPATFULL

CN Benzenepropanamide, N-(4-chlorophenyl)- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-84-3 USPATFULL

CN Benzenebutanamide, N-(4-chlorophenyl)- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-85-4 USPATFULL

CN Pentanoic acid, 5-[(4-chlorophenyl)amino]-5-oxo-3-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-86-5 USPATFULL

CN L-Asparagine, N-(4-chlorophenyl)-N2-[4-(2-oxo-1-piperidinyl)benzoyl](9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 678175-87-6 USPATFULL

CN Hexanoic acid, 6-[(4-chlorophenyl)amino]-6-oxo-4-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-88-7 USPATFULL

CN Butanediamide, N4-(4-chlorophenyl)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-89-8 USPATFULL

CN Butanediamide, N4-(4-chlorophenyl)-N1,N1-dimethyl-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678175-90-1 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[(dimethylamino)methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-91-2 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[(methylamino)methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-92-3 USPATFULL

CN Benzamide, N-[1-(aminomethyl)-3-[(4-chlorophenyl)amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-93-4 USPATFULL

CN Benzamide, N-[1-[(acetylamino)methyl]-3-[(4-chlorophenyl)amino]-3oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-94-5 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[[(methylamino)carbonyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-95-6 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[(methylsulfonyl)amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-96-7 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-(hydroxymethyl)-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-97-8 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[(2-methoxyethoxy)methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-98-9 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-(methoxymethyl)-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678175-99-0 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(dimethylamino)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-00-6 USPATFULL

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(dimethylamino)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-01-7 USPATFULL

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(4-morpholinyl)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-02-8 USPATFULL

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-03-9 USPATFULL

CN Butanediamide, N4-(4-chlorophenyl)-N1-[2-(4-methyl-1-piperazinyl)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-04-0 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-05-1 USPATFULL
CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[methyl[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-07-3 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-08-4 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-09-5 USPATFULL
CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(4-morpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-10-8 USPATFULL
CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-[[2-(4-methyl-1-piperazinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-11-9 USPATFULL CN 1-Pyrrolidinebutanamide, N-(4-chlorophenyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-12-0 USPATFULL

CN 1-Piperidinebutanamide, N-(4-chlorophenyl)-γ-oxo-β-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-14-2 USPATFULL

CN 4-Morpholinebutanamide, N-(4-chlorophenyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-16-4 USPATFULL

CN 1-Piperazinebutanamide, N-(4-chlorophenyl)-4-methyl- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{C1} \\ \text{NH} \\ \text{C} \\ \text{O} \\ \text{O} \\ \text{CH}_2 \\ \text{O} \\ \text{N} \\ \text{C} \\ \text{CH} \\ \text{NH} \\ \text{C} \\ \text{CH} \\ \text{NH} \\ \text{C} \\ \text{O} \\ \text{NH} \\ \text{C} \\ \text{O} \\ \text{NH} \\ \text{C} \\ \text{CH} \\ \text{CH} \\ \text{NH} \\ \text{C} \\ \text{CH} \\ \text{CH$$

RN 678176-18-6 USPATFULL

CN 4-Thiomorpholinebutanamide, N-(4-chlorophenyl)-γ-oxo-β-[[4-(2oxo-1-piperidinyl)benzoyl]amino]-, 1,1-dioxide (9CI) (CA INDEX NAME)

RN 678176-20-0 USPATFULL

CN 4-Morpholinebutanamide, N-(4-chlorophenyl)- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-22-2 USPATFULL

CN 1-Pyrrolidinebutanamide, N-(4-chlorophenyl)- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-24-4 USPATFULL

CN 1-Pyrrolidinebutanamide, N-(4-chlorophenyl)-2-oxo-β-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-26-6 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-methyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-28-8 USPATFULL

CN Benzenepropanamide, N-(5-chloro-2-pyridinyl)-β-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-30-2 USPATFULL

CN Benzenebutanamide, N-(5-chloro-2-pyridinyl)- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-32-4 USPATFULL

CN Pentanoic acid, 5-[(5-chloro-2-pyridinyl)amino]-5-oxo-3-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-34-6 USPATFULL

CN L-Asparagine, N-(5-chloro-2-pyridinyl)-N2-[4-(2-oxo-1-piperidinyl)benzoyl](9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 678176-36-8 USPATFULL

CN Hexanoic acid, 6-[(5-chloro-2-pyridinyl)amino]-6-oxo-4-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-38-0 USPATFULL

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-40-4 USPATFULL

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1,N1-dimethyl-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-42-6 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[(dimethylamino)methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-43-7 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[(methylamino)methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-44-8 USPATFULL

CN Benzamide, N-[1-(aminomethyl)-3-[(5-chloro-2-pyridinyl)amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-45-9 USPATFULL

CN Benzamide, N-[1-[(acetylamino)methyl]-3-[(5-chloro-2-pyridinyl)amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-46-0 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1[[[(methylamino)carbonyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-47-1 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1[[(methylsulfonyl)amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)(9CI) (CA INDEX NAME)

RN 678176-48-2 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-(hydroxymethyl)-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-49-3 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[(2-methoxyethoxy)methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-50-6 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-(methoxymethyl)-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-51-7 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(dimethylamino)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-52-8 USPATFULL

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(dimethylamino)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-53-9 USPATFULL

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(4-morpholinyl)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-54-0 USPATFULL

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-55-1 USPATFULL

CN Butanediamide, N4-(5-chloro-2-pyridinyl)-N1-[2-(4-methyl-1-piperazinyl)ethyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-56-2 USPATFULL
CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-57-3 USPATFULL
CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[methyl[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-58-4 USPATFULL
CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[methyl[2-(4-morpholinyl)ethyl]amino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-59-5 USPATFULL
CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-60-8 USPATFULL
CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678176-61-9 USPATFULL
CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(4-morpholinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-62-0 USPATFULL
CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-[[2-(4-methyl-1-piperazinyl)ethoxy]methyl]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-63-1 USPATFULL CN 1-Pyrrolidinebutanamide, N-(5-chloro-2-pyridinyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-(9CI) (CA INDEX NAME)

RN 678176-64-2 USPATFULL

CN 1-Piperidinebutanamide, N-(5-chloro-2-pyridinyl)-γ-oxo-β-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-65-3 USPATFULL

CN 4-Morpholinebutanamide, N-(5-chloro-2-pyridinyl)- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-66-4 USPATFULL

CN 1-Piperazinebutanamide, N-(5-chloro-2-pyridinyl)-4-methyl- $\gamma$ -oxo- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-67-5 USPATFULL

CN 4-Thiomorpholinebutanamide, N-(5-chloro-2-pyridinyl)- $\gamma$ -oxo- $\beta$ - [[4-(2-oxo-1-piperidinyl)benzoyl]amino]-, 1,1-dioxide (9CI) (CA INDEX NAME)

RN 678176-68-6 USPATFULL

CN 4-Morpholinebutanamide, N-(5-chloro-2-pyridinyl)- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-69-7 USPATFULL

CN 1-Pyrrolidinebutanamide, N-(5-chloro-2-pyridinyl)- $\beta$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-70-0 USPATFULL

CN 1-Pyrrolidinebutanamide, N-(5-chloro-2-pyridinyl)-2-oxo- $\beta$ -[[4-(2-oxo-pyridinyl)-2-oxo- $\beta$ -[14-(2-oxo-pyridinyl)-2-oxo- $\beta$ -[14-(2-oxo-pyridinyl)-2-oxo-pyridinyl)-2-oxo- $\beta$ -[14-(2-oxo-pyridinyl)-2-oxo-pyridinyl)-2-oxo-pyridinyl

1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-71-1 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678176-72-2 USPATFULL

CN Benzeneacetamide, N-(4-chlorophenyl)- $\alpha$ -[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678176-73-3 USPATFULL

CN Benzenepropanamide, N-(4-chlorophenyl)- $\alpha$ -[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678176-74-4 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-75-5 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-2-phenylethyl]- (9CI) (CA INDEX NAME)

$$C1 \longrightarrow S \longrightarrow C-NH-CH_2-CH-NH-C$$

RN 678176-76-6 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-3-phenylpropyl]- (9CI) (CA INDEX NAME)

RN 678176-78-8 USPATFULL

CN Alanine, 3-[[(5-chloro-2-thienyl)carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)

RN 678176-80-2 USPATFULL

CN Butanoic acid, 4-[[(5-chloro-2-thienyl)carbonyl]amino]-3-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-82-4 USPATFULL

CN Pentanoic acid, 5-[[(5-chloro-2-thienyl)carbonyl]amino]-4-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678176-84-6 USPATFULL

CN 2-Thiophenecarboxamide, N-[3-amino-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]-5-chloro- (9CI) (CA INDEX NAME)

RN 678176-86-8 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-(methylamino)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-88-0 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-(dimethylamino)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-89-1 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[[2-(dimethylamino)ethyl]methylamino]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-91-5 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[methyl[2-(4-morpholinyl)ethyl]amino]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-93-7 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-94-8 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propy 1]- (9CI) (CA INDEX NAME)

RN 678176-95-9 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(4-morpholinyl)ethoxy]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-96-0 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(2-oxo-1-piperidinyl)ethoxy]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678176-97-1 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-methyl-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678176-98-2 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678176-99-3 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]methyl]-2-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678177-00-9 USPATFULL

CN Butanoic acid, 3-[[(5-chloro-2-thienyl)carbonyl]amino]-4-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678177-01-0 USPATFULL

CN Alanine, N-[(5-chloro-2-thienyl)carbonyl]-3-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678177-02-1 USPATFULL

CN 2-Thiophenecarboxamide, N-[1-(aminomethyl)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]-5-chloro- (9CI) (CA INDEX NAME)

RN 678177-03-2 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(methylamino)methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-04-3 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(dimethylamino)methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-05-4 USPATFULL

CN 2-Thiophenecarboxamide, N-[1-[(acetylmethylamino)methyl]-2-[[4-(2-0x0-1(2H)-pyridinyl)benzoyl]amino]ethyl]-5-chloro- (9CI) (CA INDEX NAME)

RN 678177-06-5 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl(methylsulfonyl)amino]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-07-6 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-(hydroxymethyl)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-08-7 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-(methoxymethyl)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-09-8 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(dimethylamino)ethoxy]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-10-1 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(4-morpholinyl)ethoxy]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-11-2 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]-1-[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]methyl]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-12-3 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(4-methyl-1-piperazinyl)ethoxy]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-13-4 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-14-5 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl[2-(4-morpholinyl)ethyl]amino]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-15-6 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]-1-[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]methyl]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-16-7 USPATFULL

CN Pentanoic acid, 5-[[(5-chloro-2-thienyl)carbonyl]amino]-4-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678177-17-8 USPATFULL

CN 2-Thiophenecarboxamide, N-[3-amino-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]-5-chloro-(9CI) (CA INDEX NAME)

RN 678177-18-9 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-(methylamino)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678177-19-0 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-(dimethylamino)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678177-20-3 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[[2-(dimethylamino)ethyl]methylamino ]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & & & & & \\ & & & & & & \\ & & & & \\ & &$$

RN 678177-21-4 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[methyl[2-(4-morpholinyl)ethyl]amino]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678177-22-5 USPATFULL

CN

2-Thiophenecarboxamide, 5-chloro-N-[3-[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678177-23-6 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl](9CI) (CA INDEX NAME)

C1 S C-NH-CH<sub>2</sub>-CH-NH-C CH<sub>2</sub> CH<sub>2</sub> CH<sub>2</sub> CH<sub>2</sub> 
$$CH_2$$
  $CH_2$   $C$ 

RN 678177-24-7 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(4-morpholinyl)ethoxy]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678177-25-8 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-3-[2-(2-oxo-1-piperidinyl)ethoxy]propyl](9CI) (CA INDEX NAME)

RN 678177-26-9 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-methyl-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-27-0 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678177-28-1 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]-2-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678177-29-2 USPATFULL

CN Butanoic acid, 3-[[(5-chloro-2-thienyl)carbonyl]amino]-4-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

678177-30-5P 678177-31-6P 678177-32-7P IT678177-33-8P 678177-34-9P 678177-35-0P 678177-36-1P 678177-37-2P 678177-38-3P 678177-39-4P 678177-40-7P 678177-41-8P 678177-42-9P 678177-43-0P 678177-44-1P 678177-49-6P 678177-50-9P 678177-51-0P 678177-52-1P 678177-53-2P 678177-54-3P 678177-55-4P 678177-56-5P 678177-57-6P 678177-58-7P 678177-59-8P 678177-60-1P 678177-61-2P 678177-62-3P 678177-63-4P 678177-64-5P 678177-65-6P 678177-66-7P 678177-67-8P 678177-68-9P 678177-69-0P 678177-70-3P 678177-71-4P 678177-72-5P 678177-73-6P 678177-74-7P 678177-75-8P 678177-76-9P 678177-77-0P 678177-78-1P 678177-79-2P 678177-80-5P 678177-81-6P 678177-82-7P 678177-83-8P 678177-84-9P 678177-85-0P 678177-86-1P 678177-87-2P 678177-88-3P 678177-89-4P 678177-90-7P 678177-91-8P 678177-92-9P 678177-93-0P

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678177-94-1P 678177-96-3P 678177-97-4P
678177-98-5P 678177-99-6P 678178-00-2P
678178-01-3P 678178-02-4P 678178-03-5P
678178-04-6P 678178-05-7P 678178-06-8P
678178-07-9P 678178-08-0P 678178-09-1P
678178-10-4P 678178-11-5P 678178-12-6P
678178-13-7P 678178-14-8P 678178-15-9P
678178-16-0P 678178-17-1P 678178-18-2P
678178-19-3P 678178-20-6P 678178-21-7P
678178-23-9P 678178-25-1P 678178-27-3P
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678178-33-1P 678178-36-4P 678178-37-5P
678178-38-6P 678178-39-7P 678178-40-0P
678178-41-1P 678178-42-2P 678178-43-3P
678178-44-4P 678178-45-5P 678178-46-6P
678178-47-7P 678178-48-8P 678178-49-9P
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678178-64-8P 678178-65-9P 678178-66-0P
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678178-70-6P 678178-71-7P 678178-72-8P
678178-73-9P 678178-74-0P 678178-75-1P
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678178-88-6P 678178-89-7P 678178-90-0P
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678178-94-4P 678178-95-5P 678178-96-6P
678178-97-7P 678178-98-8P 678178-99-9P
678179-00-5P 678179-01-6P 678179-02-7P
678179-03-8P 678179-04-9P 678179-05-0P
678179-06-1P 678179-07-2P 678179-08-3P
678179-09-4P 678179-10-7P 678179-11-8P
678179-12-9P 678179-13-0P 678179-14-1P
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678179-25-4P 678179-26-5P 678179-27-6P
678179-28-7P 678179-29-8P 678179-30-1P
678179-31-2P 678179-32-3P 678179-33-4P
678179-34-5P 678179-35-6P 678179-36-7P
678179-37-8P
   (preparation of lactam-containing diaminoalkanes, \beta-amino acids,
  \alpha-amino acids and derivs. thereof as factor Xa inhibitors for
  treating thromboembolic disorder)
678177-30-5 USPATFULL
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CN Alanine, N-[(5-chloro-2-thienyl)carbonyl]-3-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN

RN 678177-31-6 USPATFULL

CN 2-Thiophenecarboxamide, N-[1-(aminomethyl)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]-5-chloro- (9CI) (CA INDEX NAME)

RN 678177-32-7 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(methylamino)methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-33-8 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(dimethylamino)methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-34-9 USPATFULL

CN 2-Thiophenecarboxamide, N-[1-[(acetylmethylamino)methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]-5-chloro- (9CI) (CA INDEX NAME)

RN 678177-35-0 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl(methylsulfonyl)amino]methyl] | -2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl] - (9CI) (CA INDEX NAME)

RN 678177-36-1 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-(hydroxymethyl)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-37-2 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-(methoxymethyl)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-38-3 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(dimethylamino)ethoxy]methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-39-4 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(4-morpholinyl)ethoxy]methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-40-7 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]-1-[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl ]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-41-8 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(4-methyl-1-piperazinyl)ethoxy]methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-42-9 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-43-0 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl[2-(4-morpholinyl)ethyl]amino]methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-44-1 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]-1-[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-49-6 USPATFULL

CN Benzeneacetamide, α-[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-50-9 USPATFULL

CN Benzeneacetamide,  $\alpha$ -[[[(5-chloro-2-pyridinyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-51-0 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678177-52-1 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-fluorophenyl)-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-53-2 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-chlorophenyl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-54-3 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-fluorophenyl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-55-4 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-methoxyphenyl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-56-5 USPATFULL

CN 1H-Indole-6-carboxamide, N-[1-[3-(aminocarbonyl)phenyl]-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]-3-chloro- (9CI) (CA INDEX NAME)

RN 678177-57-6 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-[3-(methylsulfonyl)phenyl]-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-58-7 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-methylphenyl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-59-8 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-60-1 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(3-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-61-2 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(4-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-62-3 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-cyanophenyl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-63-4 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(3-thienyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-64-5 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-65-6 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(4-thiazolyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-66-7 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-

pyridinyl)phenyl]amino]-1-(5-thiazolyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-67-8 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(2-thiazolyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-68-9 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(1-methyl-1H-pyrazol-4-yl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-69-0 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-naphthalenyl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-70-3 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(1-naphthalenyl)-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-71-4 USPATFULL

CN 1H-Indole-6-carboxamide, N-[1-benzo[b]thien-2-yl-2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]ethyl]-3-chloro- (9CI) (CA INDEX NAME)

RN 678177-72-5 USPATFULL

CN 4-Quinolineacetamide,  $\alpha$ -[[(3-chloro-1H-indol-6-yl)carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-73-6 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-chlorophenyl)-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-74-7 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-methoxyphenyl)-2-oxo-2-[[4-(2-

oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-75-8 USPATFULL

CN 1H-Indole-6-carboxamide, N-[1-[3-(aminocarbonyl)phenyl]-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]-3-chloro- (9CI) (CA INDEX NAME)

RN 678177-76-9 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-[3-(methylsulfonyl)phenyl]-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-77-0 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-methylphenyl)-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-78-1 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-79-2 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(3-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-80-5 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(4-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-81-6 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-cyanophenyl)-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-82-7 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(3-thienyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-83-8 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-84-9 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(4-thiazolyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-85-0 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(5-thiazolyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-86-1 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(2-thiazolyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-87-2 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(1-methyl-1H-pyrazol-4-yl)-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-88-3 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(2-naphthalenyl)-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-89-4 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-(1-naphthalenyl)-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678177-90-7 USPATFULL

CN 1H-Indole-6-carboxamide, N-[1-benzo[b]thien-2-yl-2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]ethyl]-3-chloro- (9CI) (CA INDEX NAME)

RN 678177-91-8 USPATFULL CN 4-Quinolineacetamide,  $\alpha$ -[[(3-chloro-1H-indol-6-yl)carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-92-9 USPATFULL CN Benzo[b]thiophene-2-acetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]a mino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-93-0 USPATFULL

CN Benzo[b]thiophene-2-acetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]a mino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-94-1 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1-piperidinyl)phenyl]amino]-1-(phenylmethyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678177-96-3 USPATFULL

CN Propanediamide, 2-[[(3-chloro-1H-indol-6-yl)carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-97-4 USPATFULL

CN Pentanediamide, 2-[[(3-chloro-1H-indol-6-yl)carbonyl]amino]-N1-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678177-98-5 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[3-(methylsulfonyl)-1-[[[4-(2-oxo-1-piperidinyl)phenyl]amino]carbonyl]propyl]- (9CI) (CA INDEX NAME)

RN 678177-99-6 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-[[[4-(2-oxo-1-piperidinyl)phenyl]amino]carbonyl]-3-phenylpropyl]- (9CI) (CA INDEX NAME)

RN 678178-00-2 USPATFULL

CN Pentanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-01-3 USPATFULL

CN Propanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-02-4 USPATFULL

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-03-5 USPATFULL

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-3-methyl-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-04-6 USPATFULL

CN Benzenepropanamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-05-7 USPATFULL

CN Benzenebutanamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-06-8 USPATFULL

CN Propanediamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-07-9 USPATFULL

CN Butanediamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N1-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-08-0 USPATFULL

CN Pentanediamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N1-[4-(2-0x0-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-09-1 USPATFULL

CN Pentanamide, 5-amino-2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-10-4 USPATFULL

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-4-(methylsulfonyl)-N-[4-(2-oxo-1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-11-5 USPATFULL

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-4-(methylsulfonyl)-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-12-6 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-1-(phenylmethyl)ethyl]- (9CI) (CA INDEX NAME)

RN 678178-13-7 USPATFULL

CN Butanediamide, 2-[[(3-chloro-1H-indol-6-yl)carbonyl]amino]-N1-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-14-8 USPATFULL

CN Propanediamide, 2-[[(3-chloro-1H-indol-6-yl)carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-15-9 USPATFULL

CN Pentanediamide, 2-[[(3-chloro-1H-indol-6-yl)carbonyl]amino]-N1-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-16-0 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[3-(methylsulfonyl)-1-[[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]carbonyl]propyl]- (9CI) (CA INDEX NAME)

RN 678178-17-1 USPATFULL

CN 1H-Indole-6-carboxamide, 3-chloro-N-[1-[[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]carbonyl]-3-phenylpropyl]- (9CI) (CA INDEX NAME)

RN 678178-18-2 USPATFULL

CN Pentanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-

pyridinyl)phenyl] - (9CI) (CA INDEX NAME)

RN 678178-19-3 USPATFULL

CN Propanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-20-6 USPATFULL

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-21-7 USPATFULL

CN Butanamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-3-methyl-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-23-9 USPATFULL

CN Benzenepropanamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-25-1 USPATFULL

CN Benzenebutanamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-27-3 USPATFULL

CN Propanediamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-29-5 USPATFULL

CN Butanediamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N1-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-30-8 USPATFULL

CN Pentanediamide, 2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N1-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-31-9 USPATFULL

CN Pentanamide, 5-amino-2-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678178-33-1 USPATFULL

CN Benzamide, N-[3-[[(6-chlorothieno[2,3-b]pyridin-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-36-4 USPATFULL

CN Benzamide, N-[3-[[(6-chlorothieno[2,3-b]pyridin-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-37-5 USPATFULL

CN Benzamide, N-[2-[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-2-oxoethyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-38-6 USPATFULL

CN Benzamide, N-[2-[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-39-7 USPATFULL

CN Benzamide, N-[2-[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-40-0 USPATFULL

CN Benzamide, N-[2-[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-2-oxoethyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-41-1 USPATFULL

CN Benzamide, N-[3-[[(6-chlorothieno[2,3-b]pyridin-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-42-2 USPATFULL

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

$$C1 \xrightarrow{H} \overset{O}{\underset{O}{\parallel}} - NH - C - CH_2 - CH_2 - NH - C$$

RN 678178-43-3 USPATFULL

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-44-4 USPATFULL

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

$$C1 \longrightarrow \begin{matrix} H & 0 & 0 \\ N & S - NH - C - CH_2 - CH_2 - NH - C \end{matrix}$$

RN 678178-45-5 USPATFULL

CN Benzamide, N-[3-[[(4-chlorophenyl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-46-6 USPATFULL

CN Benzamide, N-[3-[[(4-chlorophenyl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & &$$

RN 678178-47-7 USPATFULL

CN Benzamide, N-[2-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-2-oxoethyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-48-8 USPATFULL

CN Benzamide, N-[1-[[[(6-chloro-2-naphthalenyl)sulfonyl]amino]carbonyl]-2-methylpropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-49-9 USPATFULL

CN Benzamide, N-[2-[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-50-2 USPATFULL

CN Benzamide, N-[2-[[(6-chloro-2-naphthalenyl)sulfonyl]amino]-2-oxoethyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-51-3 USPATFULL

CN Benzamide, N-[3-[[(5-chloro-2-pyridinyl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\$$

RN 678178-52-4 USPATFULL

CN Benzamide, N-[1-[[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]carbonyl]-2-methylpropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-54-6 USPATFULL

CN Benzamide, N-[1-[[[(6-chloro-2-naphthalenyl)sulfonyl]amino]carbonyl]-2-methylbutyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-56-8 USPATFULL

CN Benzamide, N-[2-[[(5-chloro-2-thienyl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-57-9 USPATFULL

CN Benzamide, N-[2-[[(6-chlorothieno[2,3-b]pyridin-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-58-0 USPATFULL

CN Benzamide, N-[2-[[(6-chlorothieno[2,3-b]pyridin-2-yl)sulfonyl]amino]-1methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-59-1 USPATFULL

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-60-4 USPATFULL

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-61-5 USPATFULL

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-62-6 USPATFULL

CN Benzamide, N-[3-[[(4-chlorophenyl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-63-7 USPATFULL

CN Benzamide, N-[3-[[(4-chlorophenyl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-64-8 USPATFULL

CN Benzeneacetamide, N-[(6-chloro-1H-indol-2-yl)sulfonyl]-α-[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678178-65-9 USPATFULL

CN Benzeneacetamide, N-[(6-chloro-1H-indol-2-yl)sulfonyl]- $\alpha$ -[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678178-66-0 USPATFULL

CN Benzeneacetamide, N-[(6-chloro-1H-indol-2-yl)sulfonyl]- $\alpha$ -[[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678178-67-1 USPATFULL

CN Benzeneacetamide, N-[(4-chlorophenyl)sulfonyl]- $\alpha$ -[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678178-68-2 USPATFULL

CN Benzeneacetamide, N-[(5-chloro-2-pyridinyl)sulfonyl]- $\alpha$ -[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]- (9CI) (CA INDEX NAME)

RN 678178-69-3 USPATFULL

CN Benzeneacetamide, N-[(6-chloro-1H-indol-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-70-6 USPATFULL

CN Benzeneacetamide, N-[(6-chloro-2-naphthalenyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-71-7 USPATFULL

CN Benzeneacetamide, N-[(5-chloro-2-thienyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-72-8 USPATFULL

CN Benzeneacetamide, N-[(6-chlorothieno[2,3-b]pyridin-2-yl)sulfonyl]- $\alpha$ [[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-73-9 USPATFULL

CN Benzeneacetamide, N-[(5-chloro-2-thienyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-74-0 USPATFULL

CN Benzeneacetamide, N-[(4-chlorophenyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-75-1 USPATFULL

CN Benzeneacetamide, N-[(5-chloro-2-pyridinyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-76-2 USPATFULL

CN Benzeneacetamide, N-[(4-chlorophenyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-77-3 USPATFULL

CN Benzeneacetamide, N-[(5-chloro-2-pyridinyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-78-4 USPATFULL

CN Benzeneacetamide, N-[(4-chlorophenyl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678178-79-5 USPATFULL

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-2,2-dimethyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-80-8 USPATFULL

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-2,2-dimethyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-81-9 USPATFULL

CN Benzamide, N-[3-[[(6-chloro-1H-indol-2-yl)sulfonyl]amino]-2,2-dimethyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-82-0 USPATFULL

CN Benzamide, N-[3-[[(4-chlorophenyl)sulfonyl]amino]-2,2-dimethyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-83-1 USPATFULL

CN Benzamide, N-[3-[[(5-chloro-2-pyridinyl)sulfonyl]amino]-2,2-dimethyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-84-2 USPATFULL

CN Benzamide, N-[3-[[(6-chlorobenzo[b]thien-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-85-3 USPATFULL

CN Benzamide, N-[3-[[(6-chlorobenzo[b]thien-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-86-4 USPATFULL

CN Benzamide, N-[3-[[(6-chlorobenzo[b]thien-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-87-5 USPATFULL

CN Benzamide, N-[2-[[(6-chlorobenzo[b]thien-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-88-6 USPATFULL

CN Benzamide, N-[2-[[(6-chlorobenzo[b]thien-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-89-7 USPATFULL

CN Benzamide, N-[2-[[(6-chlorobenzo[b]thien-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-90-0 USPATFULL

CN Benzamide, N-[3-[[(6-chloro-3-methylbenzo[b]thien-2-yl)sulfonyl]amino]-2- methyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-91-1 USPATFULL

CN Benzamide, N-[3-[[(6-chloro-3-methylbenzo[b]thien-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-92-2 USPATFULL

CN Benzamide, N-[3-[[(6-chloro-3-methylbenzo[b]thien-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-93-3 USPATFULL

CN Benzamide, N-[2-[[(6-chloro-3-methylbenzo[b]thien-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-94-4 USPATFULL

CN Benzamide, N-[2-[[(6-chloro-3-methylbenzo[b]thien-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678178-95-5 USPATFULL

CN Benzamide, N-[2-[[(6-chloro-3-methylbenzo[b]thien-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-96-6 USPATFULL

CN Benzamide, N-[2-methyl-3-[[(6-methylbenzo[b]thien-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-97-7 USPATFULL

CN Benzamide, N-[2-methyl-1-[[[(6-methylbenzo[b]thien-2-yl)sulfonyl]amino]carbonyl]propyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678178-98-8 USPATFULL

CN Benzamide, N-[2-methyl-3-[[(6-methylbenzo[b]thien-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678178-99-9 USPATFULL

CN Benzamide, N-[2-methyl-1-[[[(6-methylbenzo[b]thien-2-yl)sulfonyl]amino]carbonyl]propyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678179-00-5 USPATFULL

CN Benzamide, N-[2-methyl-3-[[(6-methylbenzo[b]thien-2-yl)sulfonyl]amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678179-01-6 USPATFULL

CN Benzamide, N-[2-methyl-1-[[[(6-methylbenzo[b]thien-2-yl)sulfonyl]amino]carbonyl]propyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678179-02-7 USPATFULL

CN Benzamide, N-[3-[[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1-piperidinyl)- (9CI) (CA INDEX NAME)

RN 678179-03-8 USPATFULL

CN Benzamide, N-[1-[[[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]amino]carbonyl]-2-methylpropyl]-4-(2-oxo-1-piperidinyl)-(9CI) (CA INDEX NAME)

RN 678179-04-9 USPATFULL

CN Benzamide, N-[2-[[[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]amino]carbonyl]butyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678179-05-0 USPATFULL

CN Benzamide, N-[1-[[[(3,6-dimethylbenzo[b]thien-2-y1)sulfonyl]amino]carbonyl]-2-methylpropyl]-4-(2-oxo-1(2H)-pyrazinyl)-(9CI) (CA INDEX NAME)

RN 678179-06-1 USPATFULL

CN Benzamide, N-[2-[[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]amino]-1-methyl-2-oxoethyl]-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678179-07-2 USPATFULL

CN Benzeneacetamide, N-[(6-chlorobenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-08-3 USPATFULL

CN Benzeneacetamide, N-[(6-methylbenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-09-4 USPATFULL

CN Benzeneacetamide, N-[(6-chlorobenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-10-7 USPATFULL

CN Benzeneacetamide, N-[(6-chlorobenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-11-8 USPATFULL

CN Benzeneacetamide, N-[(6-methylbenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-12-9 USPATFULL

CN Benzeneacetamide, N-[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-13-0 USPATFULL

CN Benzeneacetamide, N-[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-14-1 USPATFULL

CN Benzeneacetamide, N-[(3,6-dimethylbenzo[b]thien-2-yl)sulfonyl]- $\alpha$ -[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

RN 678179-18-5 USPATFULL

CN 1-Piperidinecarboxamide, N-[2-[[(5-chloro-2-thienyl)carbonyl]amino]ethyl}-4-(2-oxo-1(2H)-pyridinyl)- (9CI) (CA INDEX NAME)

RN 678179-19-6 USPATFULL

CN 1-Piperidinecarboxamide, N-[2-[[(5-chloro-2-thienyl)carbonyl]amino]ethyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678179-20-9 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-oxo-2-[[4-(2-oxo-1(2H)-pyrazinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678179-21-0 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-oxo-2-[[4-(3-oxo-4-morpholinyl)phenyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678179-23-2 USPATFULL

CN 1H-Imidazole-2-butanamide,  $\alpha$ -[[(5-chloro-2-thienyl)carbonyl]amino]-1-methyl-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678179-24-3 USPATFULL

CN 2H-Pyran-4-acetamide, α-[[(5-chloro-2-thienyl)carbonyl]amino]tetrahy dro-N-[4-(2-oxo-1(2H)-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678179-25-4 USPATFULL

CN 2H-Pyran-4-acetamide,  $\alpha$ -[[(5-chloro-2-thienyl)carbonyl]amino]tetrahy dro-N-[4-(2-oxo-1(2H)-pyrazinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 678179-26-5 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678179-27-6 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678179-28-7 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-methoxy-1-[[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]methyl]propyl]- (9CI) (CA INDEX NAME)

RN 678179-29-8 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[4-methoxy-2-[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]butyl]- (9CI) (CA INDEX NAME)

RN 678179-30-1 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-(1-methyl-1H-imidazol-2-yl)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678179-31-2 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(1-methyl-1H-imidazol-2-yl)methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)

RN 678179-32-3 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]-2-phenylethyl]- (9CI) (CA INDEX NAME)

RN 678179-33-4 USPATFULL

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-methyl-2-[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

RN 678179-34-5 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\$$

RN 678179-35-6 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-1-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678179-36-7 USPATFULL

CN Benzamide, N-[3-[(4-chlorophenyl)amino]-2-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

RN 678179-37-8 USPATFULL

CN Benzamide, N-[3-[(5-chloro-2-pyridinyl)amino]-1-methyl-3-oxopropyl]-4-(2-oxo-1(2H)-pyrazinyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c}
O & Me & O \\
C - NH - CH - CH_2 - C - NH \\
N & O
\end{array}$$

L21 ANSWER 12 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2004:51427 USPATFULL

TITLE: Carboxamide derivatives and their use in the treatment

of thromboembolic diseases and tumours

INVENTOR(S): Dorsch, Dieter, Ober-Ramstadt, GERMANY, FEDERAL

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NUMBER OF CLAIMS: 23 EXEMPLARY CLAIM: 1 LINE COUNT: 2130

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Compounds of the formula (I), in which the variables have the following meaning, D is phenyl or pyridyl, each of which is unsubstituted or monosubstituted or polysubstituted by Hal, A, OR.sup.2, N(R.sup.2).sub.2, NO.sub.2, CN, COOR.sup.2 or CON(R.sup.2).sub.2; R.sup.1 is H, Ar, Het, cycloalkyl or A, which may be substituted by OR.sup.2, SR.sup.2, N(R.sup.2).sub.2, Ar, Het, cycloalkyl, CN, COOR.sup.2 or CON(R.sup.2).sub.2; R.sup.2 is H or A; E is phenylene, which may be monosubstituted or polysubstituted by Hal, A, OR.sup.2, N(R.sup.2).sub.2, NO.sub.2, CN, COOR.sup.2 or CON(R.sup.2).sub.2, or is piperidine-1,4-diyl; W is AR, Het or N(R.sup.2).sub.2 and, if

E=piperidine-1,4-diyl, is alternatively R.sup.2 or cycloalkyl, X is NH or O, are inhibitors of coagulation factor Xa and can be employed for the prophylaxis and/or therapy of thromboembolic diseases and for the treatment of tumours.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 438054-61-6P 438054-62-7P 438054-63-8P

438055-60-8P 438055-63-1P 438055-65-3P

438055-66-4P 438055-67-5P 438055-71-1P

(claimed compound; preparation of ureido- and carbamoyloxy-substituted amides

as inhibitors of factor Xa for the treatment of clotting disorders such as strokes and cancer)

RN 438054-61-6 USPATFULL

CN Benzenepropanamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 438054-62-7 USPATFULL

CN Benzenepropanamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]-, ( $\alpha$ S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 438054-63-8 USPATFULL

CN Benzenepropanamide, α-[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-

(3-oxo-4-morpholinyl)phenyl]-, (αR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 438055-60-8 USPATFULL

CN Benzenepropanamide, 4-cyano-N-[4-(2-oxo-1-piperidinyl)phenyl]- $\alpha$ [[(phenylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)

RN 438055-63-1 USPATFULL

CN Benzenepropanamide, 3-(aminocarbonyl)-N-[4-(2-oxo-1-piperidinyl)phenyl]- $\alpha$ -[[(phenylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)

RN 438055-65-3 USPATFULL

CN Benzenepropanamide, 3-(aminocarbonyl)- $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]-(9CI) (CA INDEX NAME)

RN 438055-66-4 USPATFULL

CN Benzeneacetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)phenyl]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 438055-67-5 USPATFULL

CN Benzeneacetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[3-methyl-4-(2-oxo-1-piperidinyl)phenyl]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 438055-71-1 USPATFULL

CN 2-Thiopheneacetamide,  $\alpha$ -[[[(4-chlorophenyl)amino]carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyrazinyl)phenyl]- (9CI) (CA INDEX NAME)

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